# CONTENTS

## *Precision VNA Calibration Kits*


**VNA Calibration Kit Finder** . . . . . 1

Ordering Maury Cal Kits by Model Numbers . . . . . 1

**Network Analyzer Calibration Methodologies** . . . . . 2

**Maury VNA Calibration Kits - General Information** . . . . . 3

**1.85mm VNA Calibration Kits**

7850A Standard Kits . . . . . 4

7850B/F/M Fixed Termination Kits . . . . . 5

7860A TRL/LRL VNA Calibration Kits . . . . . 6

**1.85mm VNA Calibration Kit Adapter Options**

7850Z1, 7850Z2, & 7850Z3 Adapter Sets . . . . . 7

**2.4mm VNA Calibration Kits**

7950A Standard Kits . . . . . 8

7950B/F/M Fixed Termination Kits . . . . . 9

7960A TRL/LRL VNA Calibration Kits . . . . . 10

**2.4mm VNA Calibration Kit Adapter Options**

7950Z3, 7950Z4, & 7950Z8 Adapter Sets . . . . . 11

**2.92mm (K) VNA Calibration Kits**

8770C Standard Kits . . . . . 12

8770D Fixed Termination Kits . . . . . 13

8760A TRL/LRL VNA Calibration Kits . . . . . 14

**2.92mm (K) VNA Calibration Kit Adapter Options**

8770Z1, 8770Z2, & 8770Z3 Adapter Sets . . . . . 15

**3.5mm VNA Calibration Kits**

8050A Standard Kits & 8050Y Expanded Kits . . . . . 16

8050B Fixed Termination Kits . . . . . 17

8060A TRL/LRL VNA Calibration Kits . . . . . 18

**3.5mm VNA Calibration Kit Adapter Options**

8050Z1, & 8050Z2 Adapter Sets . . . . . 19

**7mm VNA Calibration Kits**

2650 Series Expanded Kits & Fixed Termination Kits . . . . . 20

2660B TRL/LRL VNA Calibration Kits . . . . . 21

**Type N VNA Calibration Kits**

8850C Standard Kits . . . . . 22

8850P Fixed Termination Kits . . . . . 23

8860A TRL/LRL VNA Calibration Kits . . . . . 24

**Type N VNA Calibration Kit Adapter Options**

8850Z8/9/10 & 8860 (3.5mm, 2.4mm & 7mm) Adapter Sets . . . 25

**Type N 75 ohm VNA Calibration Kits**

8880A/B 75 ohm Fixed Termination Kits . . . . . 26-27

**TNC VNA Calibration Kits**

8650E Standard Kits . . . . . 28

8650P Fixed Termination Kits . . . . . 29

**AFTNC VNA Calibration Kits**

8680A Standard Kits & 8680B Fixed Termination Kits . . . . . 30

**AFTNC VNA Calibration Kit Adapter Options**

AFTNC/7mm, AFTNC/Type N, & AFTNC/3.5mm Adapter Sets . . . . . 31

**TNCA VNA Calibration Kits**

8670A Standard Kits & 8670B Fixed Termination Kits . . . . . 32

**TNCA VNA Calibration Kit Adapter Options**

TNCA/7mm, TNCA/Type N, & TNCA/3.5mm Adapter Sets . . . . . 33

**BNC VNA Calibration Kits**

8550E/F/G 50 ohm Fixed Termination Kits . . . . . 34

8580A 75 ohm Fixed Termination Kits . . . . . 35

**OSP™ VNA Calibration Kits**

8780A Standard Kits & 8780B Fixed Termination Kits . . . . . 36

8780F/M Single-Sex Fixed Termination Kits . . . . . 37

**14mm VNA Calibration Kits**

2450 Series Expanded Kits . . . . . 38

**Economy VNA Calibration Kits**

Single- or Dual-Sex Fixed Termination and 7mm TRL Kits . . . . 39

**7-16 VNA Calibration Kits**

2750B Fixed Termination Kits . . . . . 40

2750F/M Single-Sex Fixed Termination Kits . . . . . 41

2760B TRL/LRL VNA Calibration Kits . . . . . 42

**Type N VNA Calibration Kit Adapter Options**

7-16 In-Series, 7-16/3.5mm, 7-16/7mm, & 7-16/Type N Between-Series Adapter Sets . . . . . 43

**Waveguide VNA Calibration Kits**

7005E Standard Kits . . . . . 44

**Waveguide VNA Calibration Kits**

7006A Economy Kits . . . . . 45

**Optimized Millimeter Waveguide VNA Calibration Kits**

7005G Optimized Kits . . . . . 46

**Millimeter Waveguide VNA Calibration Kits**

7005M Economy Kits . . . . . 47

**Waveguide TRL VNA Calibration Kits**

7005H Kits . . . . . 48

# CONTENTS

## *Precision VNA Calibration Kit Components*


**VNA Calibration Kit Components Finder** . . . . . 49

**Maury Cal Kits Components - General Information** . . . . . 50

***Precision Fixed Terminations - General Information*** . . . . . 51

**1.85mm and 2.4mm**

7831/32 series and 7931 series Fixed Terminations . . . . . 52

**2.92mm (K) and 3.5mm**

8775 series & 8031 series Fixed Terminations . . . . . 53

**7mm and Type N**

2610 series & 2510 series Fixed Terminations . . . . . 54

**Type N 75 ohm and BNC 75 ohm**

8883 series & 8583 series Fixed Terminations . . . . . 55

**HN, SC, BNC and C**

335, 336, 351 and 354 series Fixed Terminations . . . . . 56

**TNC, AFTNC and TNCA**

332, 8684 and 8674 series Fixed Terminations . . . . . 57

**LCP/OSP™**

8783 series Fixed Terminations . . . . . 58

**14mm - GR900 Equivalent and 7-16**

2410A and 2710 series Fixed Terminations . . . . . 59

**Waveguide**

301 series Fixed Terminations . . . . . 60

***Sliding Terminations - General Information*** . . . . . 61

**1.85mm, 2.4mm, 2.92mm and 3.5mm**

Sliding Terminations - Metrology Grade . . . . . 62

**7mm (LPC7A), Type N, TNC, AFTNC, TNCA, SMA and 14mm (LPC14)**

Sliding Terminations - Precision Dedicated Connectors . . . 63

**3.5mm, 7mm (LPC7) and Type N**

Sliding Terminations - Modular Connectors . . . . . 64

**Waveguide (Precision and High Precision)**

313 series and 314 series . . . . . 65

***Fixed Flush and Fixed Offset Shorts - General Information*** . . . 66

**1.85mm Precision Fixed Offset Shorts**

7846 series and 7847 series . . . . . 66

**2.4mm Precision Fixed Offset Shorts**

7946A and 7946B . . . . . 67

**2.92mm Precision Fixed Offset Shorts**

8771 series and 8772 series . . . . . 67

**3.5mm Precision Fixed Offset Shorts**

8046 series and 8047 series . . . . . 68

**3.5mm/SMA Reference Plane Fixed Flush Shorts**

360D and 360B . . . . . 68

**7mm Precision Reference Fixed Flush Shorts**

2615 series . . . . . 69

**7mm Precision Fixed Offset Shorts**

2649 series . . . . . 69

**Type N Precision Fixed Offset Shorts**

8806 series, 8807 series and 8615 series . . . . . 70

**TNC Precision Fixed Offset Shorts**

8606 series and 8706 series . . . . . 70

**AFTNC Precision Fixed Offset Shorts**

8686A and 8687A . . . . . 71

**TNCA Precision Fixed Offset Shorts**

8676A and 8677A . . . . . 71

**14mm Precision Reference Fixed Flush Shorts**

2415 series . . . . . 72

**LCP/OSP™ Fixed Offset Shorts**

8781 series . . . . . 72

**7-16 Precision Fixed Offset Shorts**

2714 series . . . . . 73

**General Purpose Fixed Offset Shorts**

Type N (75 ohm), C, HN, SC, BNC and BNC (75 ohm) . . . . . 73

**Waveguide Fixed Flush Shorts**

344 series . . . . . 74

**Waveguide Fixed Offset Shorts**

340 series . . . . . 75

***Sliding Shorts - General Information*** . . . . . 76

**Modular Sliding Shorts**

2508A, 2518A, 8036A, 8779A and 8779B . . . . . 76

**High Precision Sliding Shorts**

SMA (1959A/B) and 7mm (2604A) . . . . . 77

**General Purpose Sliding Shorts**

1909 series and 1978 series . . . . . 77

**Waveguide Sliding Shorts**

341, 345 and 347 series . . . . . 78

# CONTENTS

## *Precision VNA Calibration Kit Components (continued)*


***Opens - General Information*** . . . . . 79

**1.85mm, 2.4mm, 2.92mm (K), 3.5mm, 7mm, Type N, Type N (75 ohm), TNC, AFTNC, TNCA, OSP™, 14mm, 7-16 BNC and BNC (75 ohm)**

Opens (all models) . . . . . 79

***Precision Air Lines - General Information*** . . . . . 80

**1.85mm Air Lines**

7843 series (Beadless) . . . . . 80

**2.4mm Air Lines**

7943 series (Beadless) . . . . . 81

**2.92mm Air Lines**

8774 series (Beadless) . . . . . 81

**3.5mm Air Lines**

8043 series (Beadless) . . . . . 82

8042 series (Bead Supported) . . . . . 82

**7mm Air Lines**

2653 series (Beadless) . . . . . 83

2603 series (Bead Supported) . . . . . 83

**Type N Air Lines**

2553 series (Beadless) . . . . . 84

2503 series (Bead Supported) . . . . . 84

**14mm Air Lines**

2453 series (Beadless) . . . . . 85

**7-16 Air Lines**

2735A series . . . . . 85

***Precision Mismatches - General Information*** . . . . . 86

**2.4mm, 2.92mm and 3.5mm Precision Mismatches**

7933A/B series, 8778A/B series & 8033A/B series . . . . . 86

**7mm, Type N, TNC and 14mm Precision Mismatches**

2611 series, 2561/62 series, 8611/12 series & 2411E . . . . . 87

**Precision Mismatch Sets**

2.4mm, 2.92mm and TNC Mismatch Sets . . . . . 88

3.5mm Mismatch Set (8033K) . . . . . 88

7mm and Type N Mismatch Sets . . . . . 88

Special Kits - Mismatch Sets . . . . . 88

***Waveguide Two-Port Mismatch Standard Sets***

322A series . . . . . 89

***Two-Port Mismatch Air Line Standards***

General Information . . . . . 90

**3.5mm Two-Port Mismatch Air Line Standards**

8044S series . . . . . 90

**7mm and LPC7 Two-Port mismatch Air Line Standard Sets**

2654 series . . . . . 91

***Connector Gages and Connector Gage Kits*** . . . . . 92

***Coaxial Directional Couplers***

7mm (4030 series) and 14mm (4090 series) . . . . . 93

***Torque Wrenches***

All Models . . . . . 94


## *Precision Adapters*


**Coaxial to Coaxial & Waveguide to Coaxial Adapter Finder** . . . 95

***Precision Adapters, Cables, Connectors, Waveguide Components and Manual Tuners - General Information*** . . . . . 96

***Precision Coaxial Adapters - General Information*** . . . . . 97

***1.85mm***

**NMD1.85mm Test Port Adapters**

7809 series . . . . . 98

**1.85mm Between-Series Adapters**

7824, 7826 and 7827 series . . . . . 99-101

**1.85mm In-Series Adapters**

7821 series . . . . . 99-100

***2.4mm***

**NMD2.4mm Test Port Adapters**

7809H and 7909 series . . . . . 102

**2.4mm In-Series Adapters**

7921 series . . . . . 103

**2.4mm Between-Series Adapters**

7926, 7927, 7922 and 7923 series . . . . . 104

***2.92mm (K)***

**NMD2.92mm Test Port Adapters**

8719 series . . . . . 105

**2.92mm In-Series Adapters**

8714 series . . . . . 106

**2.92mm Between-Series Adapters**

8723 and 8725 series . . . . . 107

# CONTENTS

## *Precision Adapters (continued)*


*3.5mm*

**NMD3.5mm Test Port Adapters**

2433A1, 2633C, 8009, 8619, 8679, 8691 and 8829 series . 108

**3.5mm In-Series Adapters**

8021 series . . . . . 109

**3.5mm (QT3.5mm™) Quick Test Adapters**

8006 series . . . . . 110

**3.5mm Between-Series Adapters**

8022, 8023, 8025, 8682, 8672 and 8028 series . . . . . 111

**3.5mm Between-Series Panel Mount Adapters**

8022N/P, 8023P1/P2, 8023T1/T2 and 8009D/E/E1 . . . . . 112

*7mm*

**7mm Between-Series Adapters**

2606, 2607, 2617, 2621, 2622, 2623, 2624, 2625, 2633, 2657, 8692 and 8696 series and 2617 . . . . . 113

*Type N*

**Type N In-Series Adapters (50 ohm) – Phase Matched**

8828 series . . . . . 114

**Type N In-Series Adapters (50 ohm)**

8801 and 8803 series . . . . . 115

**Type N Between-Series Adapters (50 ohm)**

8694, 8697, 8816, 8817, 8820, 8821 and 8822 series . . . . 116

**Type N Adapters (75 ohm) – Phase Matched**

8882 series . . . . . 117

*LCP/OSP™*

**LCP/OSP™ Between-Series Adapters**

8787 series . . . . . 118

*TNC*

**TNC In-Series Adapters**

232 series, 8688 series and 8678 series . . . . . 119

*14mm (GR900 equivalent)*

**14mm Between-Series Adapters** (GR900 equivalent)

2406, 2407 and 2709 series; EIA Model 2417B . . . . . 120

*7-16*

**7-16 In-Series and Between-Series Adapters**

2705, 2706, 2707 and 2712 series . . . . . 121

***Waveguide To Coaxial Adapters - Right Angle Launch***

**EIA WR650 to WR22**

2.4mm, 2.92mm, 3.5mm, SMA, 7mm, Type N and TNC . . 122-123

Waveguide to Coaxial Test Port Adapters (NMD) . . . . . 136

***Waveguide To Coaxial Adapters - End Launch***

**EIA WR430 to WR22**

2.4mm, 2.92mm, 3.5mm, SMA, 7mm and Type N . . . . . 124-125

***Waveguide Flange Adapters***

**In-Band EIA WR284 to WR28** . . . . . 126

***Waveguide Transmission Lines and Test Port Adapters***

**Rectangular Transmission Lines** . . . . . 127

**Rectangular to Rectangular Stepped Transitions** . . . . . 127

**Millimeter Waveguide Test Port Adapters** . . . . . 127

**Millimeter Waveguide Transmission Lines** . . . . . 127

**Waveguide Flange Information** . . . . . 128

**Standard Waveguide Flange Specifications** . . . . . 129-131


## *Coaxial Cable Assemblies, Test Port Cable and Adapter Kits, Connectors and Manual Tuners*


***Coaxial Cable Assemblies*** . . . . . 132

**Flexible and Semi-Rigid Cable Assemblies**

2.4mm, 3.5mm and SMA . . . . . 132

**Precision Semi-Rigid Assemblies - 90° Bends (Phase Matched)**

2.4mm, 3.5mm and 7mm . . . . . 133

**Precision Right Angle Test Port Adapters**

NMD3.5mm to NMD3.5mm & Nmd3.5mm to 3.5mm . . . . . 133

***Test Port Cable and Adapter Kits*** . . . . . 134-136

**Available Models**

8944, 8946, and 8948 series . . . . . .134

**Cable Specifications and Adapter Options** . . . . . 135

**Adapter Specifications**

Coaxial to Coaxial Test Port Adapters . . . . . 136

Waveguide to Coaxial Test Port Adapters . . . . . 136

***Coaxial Connectors*** . . . . . 137-140

**3.5mm Rigid and Semi-Rigid Air Line Connectors** . . . . . .137

**3.5mm Panel Mount, Suspended Stripline and Micro-Strip Launch Connectors** . . . . . 138

**7mm Rigid Line Connectors 2680 series** . . . . . 139

**7mm Precision Micro-Strip Connectors 2683 series** . . . . . 139

**7mm Precision Panel Mount Connectors 2680 series** . . . . . 140

**7mm Precision Semi-Rigid Cable Connectors 2681 series** . . 140

***Manual Tuners - General Information*** . . . . . 141

**Coaxial Slide Screw Tuners - Wide Matching Range**

2.4mm, 3.5mm, 7mm, Type N, 14mm & 7-16 models . . 142-143

**Coaxial Slide Screw Tuners - Standard Matching Range**

3.5mm, 7mm, & Type N models . . . . . 144

**Coaxial Stub Tuners**

SMA, 7mm, & Type N models; Double- and Triple-Stub . . . . 145

**Waveguide Slide Screw Tuners - Standard Matching Range**

WR90 – WR22 models . . . . . 146

# MODEL INDEX


| MODEL | | PAGE |
|---|---|---|
| 200 | | |
| 232A11 | TNC female to TNC female adapter | 28-29, 39, 119 |
| 232A2 | TNC female to TNC female adapter | 119 |
| 232B11 | TNC male to TNC male adapter | 28-29, 39, 119 |
| 232B2 | TNC male to TNC male adapter | 119 |
| 232C11 | TNC female to TNC male adapter | 28-29, 39, 119 |
| 232C2 | TNC female to TNC male adapter | 119 |
| 300 | | |
| 332A | TNC female precision fixed termination | 57 |
| 332A3 | TNC female fixed offset short | 57 |
| 332A5 | TNC male fixed termination | 57 |
| 332A8 | TNC female fixed termination | 57 |
| 332A9 | TNC female fixed termination | 57 |
| 332B | TNC male precision fixed termination | 57 |
| 332B3 | TNC male fixed offset short | 57 |
| 332B5 | TNC female fixed termination | 57 |
| 332B8 | TNC male fixed termination | 57 |
| 332B9 | TNC male fixed termination | 57 |
| 332E | TNC female fixed termination | 28-29, 57 |
| 332F | TNC male fixed termination | 28-29, 57 |
| 332G | TNC female fixed termination | 57 |
| 332H | TNC male fixed termination | 57 |
| 335A | HN female precision fixed termination | 56 |
| 335B1 | HN male precision fixed termination | 56 |
| 336A | SC female precision fixed termination | 56 |
| 336B1 | SC male precision fixed termination | 56 |
| 351A2 | BNC female precision fixed termination | 34, 56 |
| 351B2 | BNC male precision fixed termination | 34, 56 |
| 354A | C female precision fixed termination | 56 |
| 354B | C male precision fixed termination | 56 |
| 360B | 3.5mm/SMA male reference fixed flush short | 68 |
| 360D | 3.5mm/SMA female reference fixed flush short | 68 |
| 361N2 | BNC female general purpose fixed offset short | 34, 73 |
| 361P2 | BNC male general purpose fixed offset short | 34, 73 |
| 364C | C female general purpose fixed offset short | 73 |
| 364D | C male general purpose fixed offset short | 73 |
| 371N2 | BNC female open | 34, 79 |
| 371P2 | BNC male open | 34, 79 |
| 400 | | |
| 452A1 | TNC female sliding termination | 28, 63 |
| 452B1 | TNC male sliding termination | 28, 63 |
| 453A1 | Type N female siding termination | 63 |
| 453B1 | Type N male sliding termination | 63 |
| 487A | SMA female sliding termination | 63 |
| 487B | SMA male sliding termination | 63 |
| 493A | Type N female siding termination | 63 |
| 493B | Type N male sliding termination | 63 |
| 1600 | | |
| 1643C | 3.5mm slide screw tuner (0.9-12.4 GHz) | 144 |
| 1643D | 3.5mm slide screw tuner (1.8-18.0 GHz) | 144 |
| 1643D1 | Type N slide screw tuner (1.8-18.0 GHz) | 142 |
| 1643N | Type N slide screw tuner (0.8-8.0 GHz) | 142 |
| 1643P | Type N slide screw tuner (0.8-8.0 GHz) | 142 |
| 1700 | | |
| 1719A | SMA double-stub tuner | 145 |
| 1719B | SMA double-stub tuner | 145 |
| 1719C | SMA double-stub tuner | 145 |
| 1719D | SMA double-stub tuner | 145 |
| 1778A | Type N double-stub tuner | 145 |
| 1778B | Type N double-stub tuner | 145 |
| 1778C | Type N double-stub tuner | 145 |
| 1778D | Type N double-stub tuner | 145 |
| 1778E | Type N double-stub tuner | 145 |
| 1778G | Type N double-stub tuner | 145 |
| 1800 | | |
| 1819A | SMA triple-stub tuner | 145 |
| 1819B | SMA triple-stub tuner | 145 |
| 1819C | SMA triple-stub tuner | 145 |
| 1819D | SMA triple-stub tuner | 145 |
| 1878A | Type N triple-stub tuner | 145 |
| 1878B | Type N triple-stub tuner | 145 |
| 1878C | Type N triple-stub tuner | 145 |
| 1878D | Type N triple-stub tuner | 145 |
| 1878G | Type N triple-stub tuner | 145 |
| 1900 | | |
| 1909A1 | SMA female general purpose sliding short | 77 |
| 1909A2 | SMA male general purpose sliding short | 77 |
| 1909B1 | SMA female general purpose sliding short | 77 |
| 1909B2 | SMA male general purpose sliding short | 77 |
| 1909C1 | SMA female general purpose sliding short | 77 |
| 1909C2 | SMA male general purpose sliding short | 77 |
| 1909D1 | SMA female general purpose sliding short | 77 |
| 1909D2 | SMA male general purpose sliding short | 77 |
| 1959A | SMA female sliding short | 77 |
| 1959B | SMA male sliding short | 77 |
| 1978A1 | Type N female general purpose sliding short | 77 |
| 1978A2 | Type N male general purpose sliding short | 77 |
| 1978B1 | Type N female general purpose sliding short | 77 |
| 1978B2 | Type N male general purpose sliding short | 77 |
| 1978C1 | Type N female general purpose sliding short | 77 |
| 1978C2 | Type N male general purpose sliding short | 77 |
| 1978D1 | Type N female general purpose sliding short | 77 |
| 1978D2 | Type N male general purpose sliding short | 77 |
| 2400 | | |
| 2406C1 | 14mm (GR900) to Type N female adapter | 120 |
| 2406D1 | 14mm (GR900) to Type N male adapter | 120 |
| 2407A1 | 14mm (GR900) to 3.5mm female adapter | 38, 120 |
| 2407B1 | 14mm (GR900) to 3.5mm male adapter | 38, 120 |
| 2408A1 | 14mm sliding termination | 38, 63 |
| 2410A | 14mm (GR900) precision fixed termination | 38, 59 |
| 2411B | 14mm (GR900) precision mismatch | 87 |
| 2411C | 14mm (GR900) precision mismatch | 87 |
| 2411D | 14mm (GR900) precision mismatch | 87 |
| 2411E | 14mm (GR900) precision mismatch | 87 |
| 2415A1 | 14mm (GR900) precision reference fixed flush short | 72 |
| 2415B1 | 14mm (GR900) precision reference fixed flush short | 72 |
| 2415D1 | 14mm (GR900) precision reference fixed flush short | 38, 72 |
| 2416D1 | 14mm (GR900) open | 38, 79 |
| 2417B | 14mm (GR900) to 7/8 EIA adapter | 120 |
| 2433A1 | 14mm to NMD3.5mm female test port adapter | 108 |

# MODEL INDEX (continued)


| MODEL | | PAGE |
|---|---|---|
| 2440B | 14mm slide screw tuner (0.4-4.0 GHz) | 142 |
| 2440C | 14mm slide screw tuner (0.4-4.0 GHz) | 142 |
| 2450 series | 14mm VNA Calibration Kits (Expanded) | 38 |
| 2453A | 14mm Beadless Air Line (30.0cm) | 38, 85 |
| 2453B | 14mm beadless air line | 85 |
| 2453C | 14mm beadless air line | 85 |
| 2453D | 14mm beadless air line | 85 |
| 2453E | 14mm beadless air line | 85 |
| 2453F | 14mm beadless air line | 85 |
| 2453G | 14mm beadless air line | 85 |
| 2453H | 14mm beadless air line | 85 |
| 2453K | 14mm beadless air line kit | 85 |
| 2481A | 14mm center conductor contacts (spare part set) | 38 |
| 2481S3 | Contact installation/extraction tool | 38 |
| 2498T1 | 1-inch hex torque wrench (12 in. lbs) | 38, 94 |
| 2500 | | |
| 2503A | Type N female to male bead supported air line | 84 |
| 2503B | Type N female to male bead supported air line | 84 |
| 2503C | Type N female to male bead supported air line | 84 |
| 2503D | Type N female to male bead supported air line | 84 |
| 2503E | Type N female to male bead supported air line | 84 |
| 2503F | Type N female to male bead supported air line | 80, 84 |
| 2503G | Type N female to male bead supported air line | 84 |
| 2503K | Type N bead supported air line kit | 84 |
| 2503L | Type N bead supported air line kit | 84 |
| 2507 | 7mm/Type N female-male modular sliding termination | 64 |
| 2508A | LPC7/Type N female/male modular sliding short | 76 |
| 2510A4 | Type N female precision fixed termination | 54 |
| 2510A5 | Type N female precision fixed termination | 54 |
| 2510A6 | Type N female precision fixed termination | 24, 54 |
| 2510A7 | Type N female precision fixed termination | 22-23, 54 |
| 2510A8 | Type N female precision fixed termination | 54 |
| 2510B4 | Type N male precision fixed termination | 54 |
| 2510B5 | Type N male precision fixed termination | 54 |
| 2510B6 | Type N male precision fixed termination | 24, 54 |
| 2510B7 | Type N male precision fixed termination | 22-23, 54 |
| 2510B8 | Type N male precision fixed termination | 54 |
| 2517A | 7mm/Type N female & male modular sliding termination | 22, 64 |
| 2517H | LPC7 precision sliding termination | 20, 63 |
| 2518A | LPC7/Type N female/male modular sliding short | 76 |
| 2553K | Type N beadless air line kit | 84 |
| 2553T3 | Type N female to male beadless air line (3.0cm) | 84 |
| 2553T3.12 | Type N female to male air line (3.12cm) | 24, 84 |
| 2553T3.82 | Type N female to male air line (3.82cm) | 24, 84 |
| 2553T5 | Type N female to male beadless air line (5.0cm) | 80, 84 |
| 2553T6 | Type N female to male beadless air line (6.0cm) | 84 |
| 2553T7.5 | Type N female to male beadless air line (7.5cm) | 84 |
| 2553T10 | Type N female to male beadless air line (10.0cm) | 84 |
| 2553T15 | Type N female to male beadless air line (15.0cm) | 24, 84 |
| 2553T30 | Type N female to male beadless air line (30.0cm) | 84 |
| 2561A | Type N female precision mismatch | 87 |
| 2561B | Type N female precision mismatch | 87 |
| 2561C | Type N female precision mismatch | 87 |
| 2561D | Type N female precision mismatch | 87 |
| 2561E | Type N female precision mismatch | 87 |
| 2561F | Type N female precision mismatch | 87 |
| 2561G | Type N female precision mismatch | 87 |
| 2561L | Type N female precision mismatch set | 88 |
| 2561M | Type N female precision mismatch set | 88 |
| 2562A | Type N male precision mismatch | 87 |
| 2562B | Type N male precision mismatch | 87 |
| 2562C | Type N male precision mismatch | 87 |
| 2562D | Type N male precision mismatch | 87 |
| 2562E | Type N male precision mismatch | 87 |
| 2562F | Type N male precision mismatch | 87 |
| 2562G | Type N male precision mismatch | 87 |
| 2562L | Type N male precision mismatch set | 88 |
| 2562M | Type N male precision mismatch set | 88 |
| 2600 | | |
| 2603A | 7mm bead supported air line | 83 |
| 2603B | 7mm bead supported air line | 83 |
| 2603C | 7mm bead supported air line | 83 |
| 2603D | 7mm bead supported air line | 83 |
| 2603E | 7mm bead supported air line | 83 |
| 2603F | 7mm bead supported air line | 83 |
| 2603G | 7mm bead supported air line | 83 |
| 2603K | 7mm bead supported air line kit | 83 |
| 2603L | 7mm bead supported air line kit | 83 |
| 2604A | 7mm sliding short | 77 |
| 2606C | 7mm to Type N female adapter | 25, 113, 135-136 |
| 2606D | 7mm to type N male adapter | 28, 113, 135-136 |
| 2607A1 | 7mm to 14mm (GR900) adapter | 38, 113, 120, 135-136 |
| 2608C | 7mm (LPC7) sliding termination | 62 |
| 2610C | 7mm precision fixed termination | 54 |
| 2610D | 7mm precision fixed termination | 54 |
| 2610F | 7mm precision fixed termination | 20-21, 54 |
| 2611A | 7mm precision mismatch | 20, 87 |
| 2611B | 7mm precision mismatch | 20, 87 |
| 2611C | 7mm precision mismatch | 20, 87 |
| 2611D | 7mm precision mismatch | 20, 87 |
| 2611E | 7mm precision mismatch | 20, 87 |
| 2611F | 7mm precision mismatch | 20, 87 |
| 2611G | 7mm precision mismatch | 20, 87 |
| 2611L | 7mm precision mismatch set | 88 |
| 2611M | 7mm precision mismatch set | 88 |
| 2611S1 | Instrument case (4 units) | 88 |
| 2611S2 | Instrument case (8 units) | 88 |
| 2611S3 | Instrument case (12 units) | 88 |
| 2612B1 | 7mm double-stub tuner | 145 |
| 2612B2 | 7mm double-stub tuner | 145 |
| 2612B3 | 7mm double-stub tuner | 145 |
| 2612B4 | 7mm double-stub tuner | 145 |
| 2612B7 | 7mm double-stub tuner | 145 |
| 2612C1 | 7mm triple-stub tuner | 145 |
| 2612C2 | 7mm triple-stub tuner | 145 |
| 2612C3 | 7mm triple-stub tuner | 145 |
| 2612C4 | 7mm triple-stub tuner | 145 |
| 2612C7 | 7mm triple-stub tuner | 145 |
| 2615A3 | 7mm precision reference fixed flush short | 69 |
| 2615B3 | 7mm precision reference fixed flush short | 21, 69 |

# MODEL INDEX (continued)


| MODEL | | PAGE |
|---|---|---|
| 2615D3 | 7mm precision reference fixed flush short | 20, 69 |
| 2616D3 | 7mm open | 20-21, 79 |
| 2617 | 7mm to 7/8 EIA adapter | 113 |
| 2621A1 | 7mm to BNC female adapter | 34, 113 |
| 2621B1 | 7mm to BNC male adapter | 34, 113 |
| 2622A1 | 7mm to TNC female adapter | 28-29, 113, 135-136 |
| 2622B | 7mm to TNC male adapter | 28-29, 113, 135-136 |
| 2623A | 7mm to C female adapter | 113 |
| 2623B | 7mm to C male adapter | 113 |
| 2624A | 7mm to SC female adapter | 113 |
| 2624B1 | 7mm to SC male adapter | 113 |
| 2625A | 7mm to SMA female adapter | 113 |
| 2625B | 7mm to SMA male adapter | 113 |
| 2633A | 7mm "female" to 7mm adapter | 113, 135-136 |
| 2633C | NMD3.5mm female to 7mm test port adapter | 20-21, 108 |
| 2640C | 7mm slide screw tuner (0.9-12.4 GHz) | 144 |
| 2640D | 7mm slide screw tuner (1.8-18.0 GHz) | 144 |
| 2640D1 | 7mm slide screw tuner (1.8-18.0 GHz) | 142 |
| 2640N | 7mm slide screw tuner (0.8-8.0 GHz) | 142 |
| 2640P | 7mm slide screw tuner (0.8-18.0 GHz) | 142 |
| 2649A | 7mm precision fixed offset short | 20, 69 |
| 2649B | 7mm precision fixed offset short | 20, 69 |
| 2649C | 7mm precision fixed offset short | 20, 69 |
| 2649D | 7mm precision fixed offset short | 20, 69 |
| 2650 series | 7mm VNA Calibration Kits (Standard, Fixed Termination, Expanded) | 20 |
| 2653K | 7mm beadless air line kit | 83 |
| 2653L | 7mm beadless air line (0.6cm) | 21, 83 |
| 2653S3 | 7mm beadless air line (3.0cm) | 83 |
| 2653S3.12 | 7mm beadless air line (3.12cm) | 21, 83 |
| 2653S4 | 7mm beadless air line (4.0cm) | 83 |
| 2653S5 | 7mm beadless air line (5.0cm) | 83 |
| 2653S6 | 7mm beadless air line (6.0cm) | 83 |
| 2653S7.5 | 7mm beadless air line (7.5cm) | 83 |
| 2653S9.2 | 7mm beadless air line (9.2cm) | 83 |
| 2653S10 | 7mm beadless air line (10.0cm) | 83 |
| 2653S15 | 7mm beadless air line (15.0cm) | 21, 83 |
| 2653S20 | 7mm beadless air line (20.0cm) | 83 |
| 2653S30 | 7mm beadless air line (30.0cm) | 20, 83 |
| 2654A | 7mm two-port mismatch air line standard | 20, 91 |
| 2654B | 7mm two-port mismatch air line standard | 20, 91 |
| 2654S15 | 7mm two-port mismatch air line standard | 91 |
| 2654S60 | 7mm two-port mismatch air line standard | 91 |
| 2657A | 7mm to HN female adapter | 113 |
| 2657B | 7mm to HN male adapter | 113 |
| 2660B series | 7mm TRL VNA Calibration Kits (Tri-Kits) | 21 |
| 2660Q series | 7mm TRL VNA Calibration Kit (Economy) | 39 |
| 2680A1 | 7mm rigid air line connector | 139 |
| 2680B1 | 7mm panel mount connector | 140 |
| 2680C1 | 7mm panel mount connector | 140 |
| 2680S2 | 7mm six-slot collets (spare parts kit) | 20 |
| 2681C1 | 7mm semi-rigid cable connector | 140 |
| 2681D1 | 7mm semi-rigid cable connector | 140 |
| 2681E1 | 7mm semi-rigid cable connector | 140 |
| 2683A1 | 7mm micro-strip connector | 139 |
| 2683B1 | 7mm micro-strip connector | 139 |

| MODEL | | PAGE |
|---|---|---|
| 2697A | 7mm tool kit | 139 |
| 2697S5 | 7mm Collet extractor | 20 |
| 2698C2 | 3/4-inch hex torque wrench (12 in. lbs) | 20-24, 26-27, 94, 139 |
| 2698G1 | 9/16-inch hex torque wrench (12 in. lbs) | 28-30, 32, 94 |
| 2698H1 | 9/16-inch hex torque wrench (8 in. lbs) | 36, 94 |
| 2698K1 | 1-1/16-inch hex torque wrench (20 in. lbs) | 40, 42-43, 94 |
| 2698J1 | 13/16-inch hex torque wrench (12 in. lbs) | 94 |
| 2700 | | |
| 2705A | 7-16 female to 3.5mm female adapter | 121 |
| 2705B | 7-16 female to 3.5mm male adapter | 121 |
| 2705C | 7-16 male to 3.5mm female adapter | 121 |
| 2705D | 7-16 male to 3.5mm male adapter | 121 |
| 2706A | 7-16 female to Type N female adapter | 43, 121 |
| 2706B | 7-16 female to Type N male adapter | 43, 121 |
| 2706C | 7-16 male to Type N female adapter | 43, 121 |
| 2706D | 7-16 male to Type N female adapter | 43, 121 |
| 2706E | 7-16 male to Type N female test port adapter | 43, 121 |
| 2706F | 7-16 male to Type N male test port adapter | 43, 121 |
| 2707A | 7-16 female to 7mm adapter | 43, 121 |
| 2707B | 7-16 male to 7mm adapter | 43, 121 |
| 2707C | 7-16 male to 7mm test port adapter | 43, 121 |
| 2709A | 14mm (GR900) to 7-16 female adapter | 120 |
| 2709B | 14mm (GR900) to 7-16 male adapter | 120 |
| 2710A | 7-16 female fixed termination | 40-42, 59 |
| 2710B | 7-16 male fixed termination | 40-42, 59 |
| 2712A | 7-16 female to 7-16 female adapter | 121 |
| 2712B | 7-16 male to 7-16 male adapter | 121 |
| 2712C | 7-16 female to 7-16 male adapter | 121 |
| 2714A | 7-16 female precision fixed offset short | 40-42, 73 |
| 2714B | 7-16 male precision fixed offset short | 40-42, 73 |
| 2714C | 7-16 female precision fixed offset short | 73 |
| 2714D | 7-16 male precision fixed offset short | 73 |
| 2716A | 7-16 female open | 40-42, 73, 79 |
| 2716B | 7-16 male open | 40-42, 73, 79 |
| 2735A6 | 7-16 female to male beadless air line | 42, 85 |
| 2735A7.5 | 7-16 female to male beadless air line | 42, 85 |
| 2735A30 | 7-16 female to male beadless air line | 42, 85 |
| 2735K | 7-16 female to male beadless air line kit | 42, 85 |
| 2740B | 7-16 slide screw tuner (0.8-8.0 GHz) | 142 |
| 2740C | 7-16 slide screw tuner (0.4-4.0GHz) | 142 |
| 2750B series | 7-16 VNA Calibration Kits (Fixed Termination) | 40 |
| 2750F series | 7-16 VNA Calibration Kits (Female Fixed Termination) | 41 |
| 2750M series | 7-16 VNA Calibration Kits (Male Fixed Termination) | 41 |
| 2750Z3 | 15/16-inch open-end wrench | 40 |
| 2750Z4 | 7mm to 7-16 VNA Calibration Kit Adapter Set | 43 |
| 2750Z4 | Type N to 7-16 VNA Calibration Kit Adapter Set | 43 |
| 2760B series | 7-16 TRL/LRL VNA Calibration Kits | 42 |
| 4000 | | |
| 4031 | 7mm/Type N female directional coupler | 93 |
| 4032 | 7mm/Type N female directional coupler | 93 |
| 4033 | 7mm/Type N female directional coupler | 93 |
| 4094 | 14mm/Type N female directional coupler | 93 |
| 4095 | 14mm/Type N female directional coupler | 93 |
| 4096A | 14mm/Type N female directional coupler | 93 |
| 4097 | 14mm/Type N female directional coupler | 93 |

# MODEL INDEX


| MODEL | | PAGE |
|---|---|---|
| 7000 | | |
| 7005E series | Waveguide VNA Calibration Kits (Standard) | 44 |
| 7005G series | Millimeter Waveguide VNA Calibration Kits (Optimized) | 45 |
| 7005M series | Millimeter Waveguide VNA Calibration Kits (Economy) | 46 |
| 7006A series | Waveguide VNA Calibration Kits (Economy Models) | 47 |
| 7007H series | Waveguide TRL VNA Calibration Kits | 48 |
| 7800 | | |
| 7809A1 | NMD1.85mm female to 1.85mm female adapter | 7, 98 |
| 7809A2 | NMD1.85mm female to 1.85mm male adapter | 7, 98 |
| 7809B1 | NMD1.85mm test port adapter | 98 |
| 7809B2 | NMD1.85mm test port adapter | 98 |
| 7809C | NMD1.85mm test port adapter | 98 |
| 7809D1 | NMD1.85mm test port adapter | 98 |
| 7809D2 | NMD1.85mm test port adapter | 98 |
| 7809F1 | NMD1.85mm test port adapter | 98 |
| 7809F2 | NMD1.85mm test port adapter | 98 |
| 7809G | NMD1.85mm test port adapter | 98 |
| 7809H | NMD1.85mm test port adapter | 98, 102 |
| 7809K | NMD1.85mm test port adapter | 98 |
| 7821A | 1.85mm female to 1.85mm female adapter | 7, 99-100 |
| 7821B | 1.85mm male to 1.85mm male adapter | 7, 99-100 |
| 7821C | 1.85mm female to 1.85mm male adapter | 7, 99-100 |
| 7824A | 1.85mm female to 2.4mm female adapter | 99-100 |
| 7824B | 1.85mm female to 2.4mm male adapter | 99-100 |
| 7824C | 1.85mm male to 2.4mm female adapter | 99-100 |
| 7824D | 1.85mm male to 2.4mm male adapter | 99-100 |
| 7826A | 1.85mm female to 2.92mm female adapter | 7, 99-101 |
| 7826B | 1.85mm female to 2.92mm male adapter | 7, 99-101 |
| 7826C | 1.85mm male to 2.92mm female adapter | 7, 99-101 |
| 7826D | 1.85mm male to 2.92mm male adapter | 7, 99-101 |
| 7827A | 1.85mm female to 3.5mm female adapter | 99-101 |
| 7827B | 1.85mm female to 3.5mm male adapter | 99-101 |
| 7827C | 1.85mm male to 3.5mm female adapter | 99-101 |
| 7827D | 1.85mm male to 3.5mm male adapter | 99-101 |
| 7831A1 | 1.85mm female low band fixed termination | 4-6, 52 |
| 7831B1 | 1.85mm male low band fixed termination | 4-6, 52 |
| 7832A | 1.85mm female high band fixed termination | 5, 52 |
| 7832B | 1.85mm male high band fixed termination | 5, 52 |
| 7835A | 1.85mm female sliding termination | 62 |
| 7835B | 1.85mm male sliding termination | 62 |
| 7835C | 1.85mm female/male sliding termination set | 62 |
| 7843S0.96 | 1.85mm female to male air line (0.96cm) | 6, 80 |
| 7843S1.15 | 1.85mm female to male air line (1.15cm) | 6, 80 |
| 7843S3.00 | 1.85mm female to male air line (3.00cm) | 6, 80 |
| 7846A | 1.85mm female fixed offset short | 4-6, 66 |
| 7846B | 1.85mm male fixed offset short | 4, 66 |
| 7846C | 1.85mm female fixed offset short (0.683cm) | 4, 66 |
| 7846D | 1.85mm female fixed offset short (0.794cm) | 4, 66 |
| 7847A | 1.85mm male fixed offset short (0.5cm) | 4-6, 66 |
| 7847B | 1.85mm male fixed offset short (0.606cm) | 4, 66 |
| 7847C | 1.85mm male fixed offset short (0.683cm) | 4, 66 |
| 7847D | 1.85mm male fixed offset short (0.794cm) | 4, 66 |
| 7848A | 1.85mm female open | 4-5, 79 |
| 7848B | 1.85mm male open | 4-5, 79 |
| 7850A series | 1.85mm VNA Calibration Kits (Standard) | 4 |
| 7850B series | 1.85mm VNA Calibration Kits (Fixed Termination) | 5 |
| 7850F series | 1.85mm VNA Calibration Kits (Female Fixed Termination) | 5 |
| 7850M series | 1.85mm VNA Calibration Kits (Male Fixed Termination) | 5 |
| 7850Z1 | 1.85mm VNA Calibration Kit Adapter Set | 7 |
| 7850Z2 | 1.85mm VNA Calibration Kit Adapter Set | 7 |
| 7850Z3 | 1.85mm VNA Calibration Kit Adapter Set | 7 |
| 7860A series | 1.85mm TRL/LRL VNA Calibration Kits | 6 |
| 7900 | | |
| 7909A1 | NMD2.4mm female to 2.4mm female test port adapter | 11, 102, 135-136 |
| 7909A2 | NMD2.4mm female to 2.4mm male test port adapter | 11, 102, 135-136 |
| 7909B1 | NMD2.4mm female to 3.5mm female test port adapter | 102, 135-136 |
| 7909B2 | NMD2.4mm female to 3.5mm male test port adapter | 102, 135-136 |
| 7909C | NMD2.4mm female to 7mm test port adapter | 21, 102, 135-136 |
| 7909D1 | NMD2.4mm fem to type N fem test port adapter | 22-23, 25, 102, 135-136 |
| 7909D2 | NMD2.4mm fem to type N male test port adapter | 22-23, 25, 102, 135-136 |
| 7909F1 | NMD2.4mm female to 2.92mm (K) female test port adapter | 15, 102, 135-136 |
| 7909F2 | NMD2.4mm female to 2.92mm (K) male test port adapter | 15, 102, 135-136 |
| 7909H | NMD2.4mm fem to NMD3.5mm male test port adapter | 38, 102, 136 |
| 7909K | NMD2.4mm female to NMD2.4mm male test port adapter | 102 |
| 7911A | 2.4mm female to female semi-rigid 90° bend | 133 |
| 7911B | 2.4mm male to male semi-rigid 90° bend | 133 |
| 7911C | 2.4mm female to male semi-rigid 90° bend | 133 |
| 7915 | 2.4mm flexible cable | 132 |
| 7921A | 2.4mm female to 2.4mm female adapter | 11, 103 |
| 7921B | 2.4mm male to 2.4mm male adapter | 11, 103 |
| 7921C | 2.4mm female to 2.4mm male adapter | 11, 103 |
| 7921D | 2.4mm female to female adapter | 103 |
| 7921E | 2.4mm female to female adapter | 103 |
| 7922A | 2.4mm female to 7mm adapter | 21, 104 |
| 7922B | 2.4mm male to 7mm adapter | 21, 104 |
| 7923A | 2.4mm female to Type N female adapter | 22-23, 25, 104 |
| 7923B | 2.4mm female to Type N male adapter | 22-23, 25, 104 |
| 7923C | 2.4mm male to Type N female adapter | 22-23, 25, 104 |
| 7923D | 2.4mm male to Type N male adapter | 22-23, 25, 104 |
| 7926A | 2.4mm female to 2.92mm (K) female adapter | 11, 15, 104 |
| 7926B | 2.4mm female to 2.92mm (K) male adapter | 11, 15, 104 |
| 7926C | 2.4mm male to 2.92mm (K) female adapter | 11, 15, 104 |
| 7926D | 2.4mm male to 2.92mm (K) male adapter | 11, 15, 104 |
| 7927A | 2.4mm female to 3.5mm female adapter | 19, 104 |
| 7927B | 2.4mm female to 3.5mm male adapter | 19, 104 |
| 7927C | 2.4mm male to 3.5mm female adapter | 19, 104 |
| 7927D | 2.4mm male to 3.5mm male adapter | 19, 104 |
| 7931A1 | 2.4mm female fixed termination | 8-10, 52 |
| 7931B1 | 2.4mm male fixed termination | 8-10, 52 |
| 7933A1.10 | 2.4mm female precision mismatch | 86 |
| 7933A1.20 | 2.4mm female precision mismatch | 86 |
| 7933A1.30 | 2.4mm female precision mismatch | 86 |
| 7933A1.50 | 2.4mm female precision mismatch | 86 |
| 7933A1.75 | 2.4mm female precision mismatch | 86 |
| 7933A2.00 | 2.4mm female precision mismatch | 86 |
| 7933B1.10 | 2.4mm male precision mismatch | 86 |
| 7933B1.20 | 2.4mm male precision mismatch | 86 |
| 7933B1.30 | 2.4mm male precision mismatch | 86 |
| 7933B1.50 | 2.4mm male precision mismatch | 86 |
| 7933B1.75 | 2.4mm male precision mismatch | 86 |

# MODEL INDEX


| MODEL | | PAGE |
|---|---|---|
| 7933B2.00 | 2.4mm male precision mismatch | 86 |
| 7935A | 2.4mm female sliding termination | 8, 62 |
| 7935B | 2.4mm male sliding termination | 8, 62 |
| 7935C | 2.4mm female/male sliding termination set | 62 |
| 7941A | 2.4mm slide screw tuner | 142 |
| 7943G | 2.4mm female to male beadless air line | 81 |
| 7943H | 2.4mm female to male beadless air line | 81 |
| 7943S1.25 | 2.4mm female to male beadless air line (1.25cm) | 10, 81 |
| 7943S1.50 | 2.4mm female to male beadless air line (1.50cm) | 10, 81 |
| 7943S6.25 | 2.4mm female to male beadless air line (6.25cm) | 10, 81 |
| 7946A | 2.4mm female precision fixed offset short | 8-10, 67 |
| 7946B | 2.4mm male precision fixed offset short | 8-10, 67 |
| 7948A | 2.4mm female open | 8-10, 79 |
| 7948B | 2.4mm male open | 8-10, 79 |
| 7950A series | 2.4mm VNA Calibration Kits (Standard) | 8 |
| 7950B series | 2.4mm VNA Cal Kits (Fixed Termination) | 9 |
| 7950F series | 2.4mm VNA Cal Kits, Female Fixed Termination (Economy) | 9 |
| 7950M series | 2.4mm VNA Cal Kits, Male Fixed Termination (Economy) | 9 |
| 7950Z3 | 2.4mm VNA Calibration Kit Adapter Set | 11 |
| 7950Z4 | 2.4mm VNA Calibration Kit Adapter Set | 11 |
| 7950Z8 | 2.4mm VNA Calibration Kit Adapter Set | 11 |
| 7960A | 2.4mm TRL/LRL VNA Calibration Kits (Tri-Kits) | 10 |
| 8000 | | |
| 8001A | 3.5mm female connector | 137 |
| 8001B | 3.5mm male connector | 137 |
| 8001C | 3.5mm female panel mount connector | 137 |
| 8001G | 0.0589-inch dia. by 6-inch inner conductor rod | 137 |
| 8001H | 0.1378-inch I.D. by 6-inch outer conductor rod | 137 |
| 8001K | Rigid air line connector tool kit | 137 |
| 8002A | 3.5mm female panel mount connector | 138 |
| 8002B | 3.5mm male panel mount connector | 138 |
| 8002D | 3.5mm female suspended stripline connector | 138 |
| 8002E | 3.5mm male suspended stripline connector | 138 |
| 8003A | 3.5mm female connector | 137 |
| 8003B | 3.5mm male connector | 137 |
| 8003C | 3.5mm female panel mount connector | 137 |
| 8003K | Semi-rigid cable connector tool kit | 137 |
| 8004A | 3.5mm female suspended stripline connector | 138 |
| 8004B | 3.5mm male suspended stripline connector | 138 |
| 8004C | 3.5mm female suspended stripline connector | 138 |
| 8004D | 3.5mm male suspended stripline connector | 138 |
| 8004E | 3.5mm female suspended stripline connector | 138 |
| 8004F | 3.5mm male suspended stripline connector | 138 |
| 8006B1 | QT3.5mm™ male no nut to 7mm adapter | 110 |
| 8006B11 | QT3.5mm™ male 3/8-in. nut to 7mm adapter | 110 |
| 8006B21 | QT3.5mm™ male 9/16-in. nut to 7mm adapter | 110 |
| 8006C1 | QT3.5mm™ male no nut to NMD3.5mm female adapter | 110 |
| 8006C11 | QT3.5mm™ male 3/8-in. nut to NMD3.5mm female adapter | 110 |
| 8006C21 | QT3.5mm™ male 9/16-in. nut to NMD3.5mm female adapter | 110 |
| 8006E1 | QT3.5mm™ male no nut to 3.5mm female adapter | 110 |
| 8006E11 | QT3.5mm™ male 3/8-in. nut to 3.5mm female adapter | 110 |
| 8006E21 | QT3.5mm™ male 9/16-in. nut to 3.5mm female adapter | 110 |
| 8006F1 | QT3.5mm™ male no nut to 3.5mm male adapter | 110 |
| 8006F11 | QT3.5mm™ male 3/8" nut to 3.5mm male adapter | 110 |
| 8006F21 | QT3.5mm™ male 9/16-in. nut to 3.5mm male adapter | 110 |
| 8006G1 | QT3.5mm™ male no nut to 3.5mm male adapter | 110 |
| 8006G11 | QT3.5mm™ male 3/8-in. nut to Type N female adapter | 110 |
| 8006G21 | QT3.5mm™ male 9/16-in. nut to Type N female adapter | 110 |
| 8006H1 | QT3.5mm™ male no nut to Type N male adapter | 110 |
| 8006H11 | QT3.5mm™ male 3/8-in. nut to Type N male adapter | 110 |
| 8006H21 | QT3.5mm™ male 9/16-in. nut to Type N male adapter | 110 |
| 8006K1 | QT3.5mm™ male no nut to NMD2.4mm female adapter | 110 |
| 8006K11 | QT3.5mm™ male 3/8-in. nut to NMD2.4mm female adapter | 110 |
| 8006K21 | QT3.5mm™ male 9/16-in. nut to NMD2.4mm female adapter | 110 |
| 8006Q1 | QT3.5mm™ male with guide sleeve to 3.5mm male adapter | 110 |
| 8009A | NMD3.5mm female to 3.5mm female test port adapter | 108 |
| 8009B | NMD3.5mm female to 3.5mm male test port adapter | 108 |
| 8009D | 3.5mm female to NMD3.5mm male panel mount adapter | 112 |
| 8009E | 3.5mm female to NMD3.5mm male panel mount adapter | 112 |
| 8009E1 | 3.5mm female to NMD3.5mm male panel mount adapter | 112 |
| 8009F | NMD3.5mm female to NMD3.5mm male test port adapter | 108 |
| 8011A1 | 3.5mm female to female semi-rigid 90° bend | 133 |
| 8011B1 | 3.5mm male to male semi-rigid 90° bend | 133 |
| 8011C1 | 3.5mm female to male semi-rigid 90° bend | 133 |
| 8015 | 3.5mm flexible cable (standard lengths) | 132 |
| 8021A2 | 3.5mm female to female adapter | 19, 109 |
| 8021B2 | 3.5mm male to male adapter | 19, 109 |
| 8021C2 | 3.5mm female to male adapter | 19, 109 |
| 8021D1 | 3.5mm female to female adapter | 109 |
| 8021E1 | 3.5mm female to female adapter | 109 |
| 8021K1 | 3.5mm male to female adapter | 109 |
| 8021L1 | 3.5mm female to female adapter | 109 |
| 8021P | 3.5mm female to male adapter | 109 |
| 8022A1 | 3.5mm female to 7mm adapter | 111, 135-136 |
| 8022A2 | 3.5mm female to 7mm adapter | 20-21, 39, 111 |
| 8022B1 | 3.5mm male to 7mm adapter | 111, 135-136 |
| 8022B2 | 3.5mm male to 7mm adapter | 20-21, 39, 111 |
| 8022N | 3.5mm female to 7mm panel mount adapter adapter | 112 |
| 8022P | 3.5mm female to 7mm panel mount adapter | 112 |
| 8023A | 3.5mm female to Type N female adapter | 25, 111 |
| 8023B1 | 3.5mm female to Type N male adapter | 25, 39, 111 |
| 8023C | 3.5mm male to Type N female adapter | 25, 111 |
| 8023D1 | 3.5mm male to Type N male adapter | 25, 39, 111 |
| 8023P1 | 3.5mm male to Type N female panel mount adapter | 112 |
| 8023P2 | 3.5mm male to Type N male panel mount adapter | 112 |
| 8023T1 | 3.5mm male to Type N female panel mount adapter | 112 |
| 8023T2 | 3.5mm male to Type N male panel mount adapter | 112 |
| 8025A1 | 3.5mm female to TNC female adapter | 28-29, 111 |
| 8025B1 | 3.5mm female to TNC male adapter | 28-29, 111 |
| 8025C1 | 3.5mm male to TNC female adapter | 28-29, 111 |
| 8025D1 | 3.5mm male to TNC male adapter | 28-29, 111 |
| 8028A | 3.5mm female to BNC female adapter | 34, 111 |
| 8028B | 3.5mm female to BNC male adapter | 34, 111 |
| 8028C | 3.5mm male to BNC female adapter | 34, 111 |
| 8028D | 3.5mm male to BNC male adapter | 34, 111 |
| 8031A2 | 3.5mm female precision fixed termination | 53 |
| 8031A4 | 3.5mm female fixed termination | 16-17, 53 |
| 8031A5 | 3.5mm female fixed termination | 18, 53 |
| 8031B2 | 3.5mm male precision fixed termination | 53 |
| 8031B4 | 3.5mm male fixed termination | 16, 53 |

# MODEL INDEX


| MODEL | | PAGE |
|---|---|---|
| 8031B5 | 3.5mm male fixed termination | 18, 53 |
| 8033A1.10 | 3.5mm female precision mismatch | 86 |
| 8033A1.20 | 3.5mm female precision mismatch | 86 |
| 8033A1.30 | 3.5mm female precision mismatch | 86 |
| 8033A1.50 | 3.5mm female precision mismatch | 86 |
| 8033A1.75 | 3.5mm female precision mismatch | 86 |
| 8033A2.00 | 3.5mm female precision mismatch | 86 |
| 8033A2.50 | 3.5mm female precision mismatch | 86 |
| 8033A3.00 | 3.5mm female precision mismatch | 86 |
| 8033B1.10 | 3.5mm male precision mismatch | 86 |
| 8033B1.20 | 3.5mm male precision mismatch | 86 |
| 8033B1.30 | 3.5mm male precision mismatch | 86 |
| 8033B1.50 | 3.5mm male precision mismatch | 86 |
| 8033B1.75 | 3.5mm male precision mismatch | 86 |
| 8033B2.00 | 3.5mm male precision mismatch | 86 |
| 8033B2.50 | 3.5mm male precision mismatch | 86 |
| 8033B3.00 | 3.5mm male precision mismatch | 86 |
| 8033K | 3.5mm precision mismatch set | 88 |
| 8035A | 3.5mm female-male modular sliding termination | 64 |
| 8036A | 3.5mm female/male modular sliding short | 76 |
| 8037A | 3.5mm female sliding termination | 16, 62 |
| 8037B | 3.5mm male sliding termination | 16, 62 |
| 8037C | 3.5mm female/male sliding termination set | 62 |
| 8041B | 3.5mm slide screw tuner (12.0-26.5 GHz) | 144 |
| 8041C | 3.5mm slide screw tuner (12.0-34.0 GHz) | 142 |
| 8042C | 3.5mm female to male bead supported air line | 82 |
| 8042D | 3.5mm female to male bead supported air line | 82 |
| 8042E | 3.5mm female to male bead supported air line | 82 |
| 8042G | 3.5mm female to male bead supported air line | 82 |
| 8043M6.8 | 3.5mm male to male beadless air line | 82 |
| 8043M7.2 | 3.5mm male to male beadless air line | 82 |
| 8043M10 | 3.5mm male to male beadless air line | 82 |
| 8043S5 | 3.5mm female to male air line (5cm) | 18, 82 |
| 8043S5.3 | 3.5mm female to male air line (5.3cm) | 18, 82 |
| 8043S6 | 3.5mm female to male air line (6cm) | 18, 82 |
| 8043S7.5 | 3.5mm female to male beadless air line | 82 |
| 8043S10 | 3.5mm female to male beadless air line | 82 |
| 8043S15 | 3.5mm female to male air line (15cm) | 18, 82 |
| 8044S15 | 3.5mm two-port mismatch air line standard | 90 |
| 8044S60 | 3.5mm two-port mismatch air line standard | 90 |
| 8045C | 3.5mm slide screw tuner (0.9-12.4 GHz) | 144 |
| 8045D | 3.5mm slide screw tuner (1.8-18.0 GHz) | 144 |
| 8045D1 | 3.5mm slide screw tuner (1.8-18.0 GHz) | 142 |
| 8045N | 3.5mm slide screw tuner (0.8-8.0 GHz) | 142 |
| 8045P | 3.5mm slide screw tuner (0.8-8.0 GHz) | 142 |
| 8046A | 3.5mm female precision fixed offset short | 68 |
| 8046B | 3.5mm female precision fixed offset short | 68 |
| 8046C | 3.5mm female precision fixed offset short | 68 |
| 8046D | 3.5mm female precision fixed offset short | 68 |
| 8046E | 3.5mm female precision fixed offset short | 68 |
| 8046F | 3.5mm female precision fixed offset short | 16-18, 68 |
| 8047A | 3.5mm male precision fixed offset short | 68 |
| 8047B | 3.5mm male precision fixed offset short | 68 |
| 8047C | 3.5mm male precision fixed offset short | 68 |
| 8047D | 3.5mm male precision fixed offset short | 68 |
| 8047E | 3.5mm male precision fixed offset short | 68 |
| 8047F | 3.5mm male precision fixed offset short | 16-18, 68 |
| 8048A1 | 3.5mm female open | 16-18, 79 |
| 8048B1 | 3.5mm male open | 16-18, 79 |
| 8050A series | 3.5mm VNA Calibration Kits (Standard) | 16 |
| 8050Q01 | 3.5mm Female VNA Calibration Kit (Economy) | 39 |
| 8050Q02 | 3.5mm Male VNA Calibration Kit (Economy) | 39 |
| 8050Q03 | 3.5mm Female/Male VNA Calibration Kit (Economy) | 39 |
| 8050Y series | 3.5mm VNA Calibration Kits (Expanded) | 16 |
| 8050Z1 | 3.5mm VNA Calibration Kit Adapter Set | 19 |
| 8050Z2 | 3.5mm VNA Calibration Kit Adapter Set | 19 |
| 8060A series | 3.5mm TRL/LRL VNA Calibration Kits (Tri-Kits) | 18 |
| 8400 | | |
| 8445A | HN female general purpose fixed offset short | 73 |
| 8445B1 | HN male general purpose fixed offset short | 73 |
| 8455A | SC female general purpose fixed offset short | 73 |
| 8455B1 | SC male general purpose fixed offset short | 73 |
| 8500 | | |
| 8550 series | BNC VNA Cal Kits (Fixed Termination) | 34 |
| 8550Q01 | BNC Female VNA Calibration Kit (Economy) | 39 |
| 8550Q02 | BNC Male VNA Calibration Kit (Economy) | 39 |
| 8550Q03 | BNC Female/Male VNA Calibration Kit (Economy) | 39 |
| 8580A series | BNC 75 Ω VNA Calibration Kits (Fixed Termination) | 35 |
| 8582D1 | BNC female 75 Ω to 7mm adapter | 35, 113 |
| 8582D2 | BNC male 75 Ω to 7mm adapter | 35, 113 |
| 8583A | BNC female 75 Ω fixed termination | 35, 55 |
| 8583B | BNC male 75 Ω fixed termination | 35, 55 |
| 8584A | BNC female 75 Ω general purpose fixed offset short | 35, 73 |
| 8584B | BNC male 75 Ω general purpose fixed offset short | 35, 73 |
| 8585A | BNC female 75 Ω open | 35, 79 |
| 8585B | BNC male 75 Ω open | 35, 79 |
| 8600 | | |
| 8606A | TNC female precision fixed offset short | 70 |
| 8606B | TNC female precision fixed offset short | 70 |
| 8606C | TNC female precision fixed offset short | 70 |
| 8606D | TNC female precision fixed offset short | 70 |
| 8607A | TNC male precision fixed offset short | 70 |
| 8607B | TNC male precision fixed offset short | 70 |
| 8607C | TNC male precision fixed offset short | 70 |
| 8607D | TNC male precision fixed offset short | 70 |
| 8609B | TNC female open | 28-29, 79 |
| 8610B | TNC male open | 28-29, 79 |
| 8611C | TNC female precision mismatch | 87 |
| 8611D | TNC female precision mismatch | 87 |
| 8611E | TNC female precision mismatch | 87 |
| 8611F | TNC female precision mismatch | 87 |
| 8611G | TNC female precision mismatch | 87 |
| 8612C | TNC male precision mismatch | 87 |
| 8612D | TNC male precision mismatch | 87 |
| 8612E | TNC male precision mismatch | 87 |
| 8612F | TNC male precision mismatch | 87 |
| 8612G | TNC male precision mismatch | 87 |
| 8615A | TNC female general purpose fixed offset short | 28-29, 70 |
| 8615B | TNC male general purpose fixed offset short | 28-29, 70 |
| 8619A | TNC female to NMD3.5mm female adapter | 28-29, 108 |

# MODEL INDEX


| MODEL | | PAGE |
|---|---|---|
| 8619B | TNC male to NMD3.5mm female adapter | 28-29, 108 |
| 8650 series | TNC VNA Calibration Kits (Standard) | 28-29 |
| 8650Q01 | TNC Female VNA Calibration Kit (Economy) | 39 |
| 8650Q02 | BNC Male VNA Calibration Kit (Economy) | 39 |
| 8650Q03 | BNC Female /Male VNA Calibration Kit (Economy) | 39 |
| 8650Z1 | Instrument case (24 units) | 88 |
| 8670 series | TNCA VNA Calibration Kits (Standard/Fixed Termination) | 32-33 |
| 8672A | TNCA female to 3.5mm female adapter | 33, 111 |
| 8672B | TNCA male to 3.5mm female adapter | 33, 111 |
| 8672C | TNCA female to 3.5mm male adapter | 33, 111 |
| 8672D | TNCA male to 3.5mm male adapter | 33, 111 |
| 8673A | TNCA female sliding termination | 32, 63 |
| 8673B | TNCA male sliding termination | 32, 63 |
| 8674A | TNCA female fixed termination | 33, 57 |
| 8674B | TNCA male fixed termination | 33, 57 |
| 8675A | TNCA female open | 33, 79 |
| 8674B | TNCA male open | 33, 79 |
| 8676A | TNCA Female precision fixed offset short | 32, 71 |
| 8677A | TNCA Male precision fixed shorts | 32, 71 |
| 8678A | TNCA female to TNCA female adapter | 33, 119 |
| 8678B | TNCA male to TNCA male adapter | 33, 119 |
| 8678C | TNCA female to TNCA male adapter | 33, 119 |
| 8679A | NMD3.5mm female to TNCA female adapter | 33, 108 |
| 8679B | NMD3.5mm female to TNCA male adapter | 33, 108 |
| 8680 series | AFTNC VNA Calibration Kits (Standard/Fixed Termination) | 30-31 |
| 8682A | AFTNC female to 3.5mm female adapter | 30-31, 111 |
| 8682B | AFTNC male to 3.5mm female adapter | 30-31, 111 |
| 8682C | AFTNC female to 3.5mm male adapter | 30-31, 111 |
| 8682D | AFTNC male to 3.5mm male adapter | 30-31, 111 |
| 8683A | AFTNC female sliding termination | 30, 63 |
| 8683B | AFTNC male sliding termination | 30, 63 |
| 8684A | AFTNC female precision fixed termination | 30, 57 |
| 8684B | AFTNC male precision fixed termination | 30, 57 |
| 8685A | AFTNC female open | 30, 79 |
| 8685B | AFTNC male open | 30, 79 |
| 8686A | AFTNC female general purpose fixed offset short | 30, 71 |
| 8687A | AFTNC male general purpose fixed offset short | 30, 71 |
| 8688A | AFTNC female to AFTNC female adapter | 30-31, 119 |
| 8688B | AFTNC male to AFTNC male adapter | 30-31, 119 |
| 8688C | AFTNC female to AFTNC male adapter | 30-31, 119 |
| 8691A | AFTNC female to NMD3.5mm female adapter | 31, 108 |
| 8691B | AFTNC male to NMD3.5mm female adapter | 31, 108 |
| 8692A | 7mm to AFTNC female adapter | 31, 113 |
| 8692B | 7mm to AFTNC male adapter | 31, 113 |
| 8694A | AFTNC female to Type N female adapter | 31, 116 |
| 8694B | AFTNC male to Type N female adapter | 31, 116 |
| 8694C | AFTNC female to Type N male adapter | 31, 116 |
| 8694D | AFTNC male to Type N male adapter | 31, 116 |
| 8696A | TNCA female to 7mm adapter | 33, 113 |
| 8696B | TNCA male to 7mm adapter | 33, 113 |
| 8697A | TNCA female to Type N female adapter | 33, 116 |
| 8697B | TNCA male to Type N female adapter | 33, 116 |
| 8697C | TNCA female to Type N male adapter | 33, 116 |
| 8697D | TNCA male to Type N male adapter | 33, 116 |
| 8700 | | |
| 8714A2 | 2.92mm (K) female to 2.92mm (K) female adapter | 15, 106 |
| 8714B2 | 2.92mm (K) male to 2.92mm (K) male adapter | 15, 106 |
| 8714C2 | 2.92mm (K) female to 2.92mm (K) male adapter | 15, 106 |
| 8714D1 | 2.92mm (K) female to female adapter | 106 |
| 8714E1 | 2.92mm (K) female to female adapter | 106 |
| 8719A | NMD2.92mm female to 2.92mm (K) female adapter | 15, 105 |
| 8719B | NMD2.92mm female to 2.92mm (K) male adapter | 15, 105 |
| 8719E | NMD2.92mm female to NMD2.4mm male test port adapter | 105 |
| 8719F | NMD2.92mm female to NMD2.4mm male test port adapter | 105 |
| 8723A | 2.92mm female to Type N female adapter | 107 |
| 8723B | 2.92mm female to Type N male adapter | 107 |
| 8723C | 2.92mm male to Type N female adapter | 107 |
| 8723D | 2.92mm male to Type N male adapter | 107 |
| 8725A | 2.92mm (K) female to 7mm adapter | 15, 107 |
| 8725B | 2.92mm (K) male to 7mm adapter | 15, 107 |
| 8760A series | 2.92mm (K) TRL/LRL VNA Calibration Kits (Tri-Kits) | 14 |
| 8770 series | 2.92mm (K) VNA Calibration Kits (Standard & Fixed Term) | 12-13 |
| 8770Z1 | 2.92mm (K) VNA Calibration Kit Adapter Set | 15 |
| 8770Z2 | 2.92mm (K) VNA Calibration Kit Adapter Set | 15 |
| 8770Z3 | 2.92mm (K) VNA Calibration Kit Adapter Set | 15 |
| 8770Z6 | 5/16-inch open-end wrench | 36 |
| 8770Z7 | 7/16-inch open-end wrench | 36 |
| 8771A1 | 2.92mm (K) female precision fixed offset short | 67 |
| 8771B1 | 2.92mm (K) female precision fixed offset short | 67 |
| 8771C1 | 2.92mm (K) female precision fixed offset short | 67 |
| 8771D1 | 2.92mm (K) female precision fixed offset short | 67 |
| 8771E1 | 2.92mm (K) female precision fixed offset short | 67 |
| 8771F1 | 2.92mm (K) female precision fixed offset short | 12-14, 67 |
| 8772A1 | 2.92mm (K) male precision fixed offset short | 67 |
| 8772B1 | 2.92mm (K) male precision fixed offset short | 67 |
| 8772C1 | 2.92mm (K) male precision fixed offset short | 67 |
| 8772D1 | 2.92mm (K) male precision fixed offset short | 67 |
| 8772E1 | 2.92mm (K) male precision fixed offset short | 67 |
| 8772F1 | 2.92mm (K) male precision fixed offset short | 12-14, 67 |
| 8773A1 | 2.92mm (K) female open | 12-14, 79 |
| 8773B1 | 2.92mm (K) male open | 12-14, 79 |
| 8774B6.8 | 2.92mm (K) female to male beadless air line | 81 |
| 8774B7.5 | 2.92mm (K) female to male beadless air line | 81 |
| 8774B15 | 2.92mm (K) female to male beadless air line | 81 |
| 8774C3 | 2.92mm (K) female to male beadless air line | 81 |
| 8774C5 | 2.92mm (K) female to male air line (5cm) | 14, 81 |
| 8774C5.25 | 2.92mm (K) female to male air line (5.25cm) | 14, 81 |
| 8774C6 | 2.92mm (K) female to male air line (6cm) | 14, 81 |
| 8774C7.5 | 2.92mm female to male beadless air line (7.5cm) | 81 |
| 8774C15 | 2.92mm (K) female to male air line (15cm) | 14, 81 |
| 8775A2 | 2.92mm (K) female precision fixed termination | 12-14, 53 |
| 8775B2 | 2.92mm (K) male precision fixed termination | 12-14, 53 |
| 8777A1 | 2.92mm (K) female sliding termination | 12, 62 |
| 8777B1 | 2.92mm (K) male sliding termination | 12, 62 |
| 8777C1 | 2.92mm (K) female/male sliding termination set | 62 |
| 8778A1.10 | 2.92mm (K) female precision mismatch | 86 |
| 8778A1.15 | 2.92mm (K) female precision mismatch | 86 |
| 8778A1.20 | 2.92mm (K) female precision mismatch | 86 |
| 8778A1.25 | 2.92mm (K) female precision mismatch | 86 |
| 8778A1.30 | 2.92mm (K) female precision mismatch | 86 |
| 8778A1.50 | 2.92mm (K) female precision mismatch | 86 |
| 8778A1.75 | 2.92mm (K) female precision mismatch | 86 |

# MODEL INDEX


| MODEL | | PAGE |
|---|---|---|
| 8778A2.00 | 2.92mm (K) female precision mismatch | 86 |
| 8778B1.10 | 2.92mm (K) male precision mismatch | 86 |
| 8778B1.15 | 2.92mm (K) male precision mismatch | 86 |
| 8778B1.20 | 2.92mm (K) male precision mismatch | 86 |
| 8778B1.25 | 2.92mm (K) male precision mismatch | 86 |
| 8778B1.30 | 2.92mm (K) male precision mismatch | 86 |
| 8778B1.50 | 2.92mm (K) male precision mismatch | 86 |
| 8778B1.75 | 2.92mm (K) male precision mismatch | 86 |
| 8778B2.00 | 2.92mm (K) male precision mismatch | 86 |
| 8779A1 | 2.92mm (K) female modular sliding short | 76 |
| 8779B1 | 2.92mm (K) male modular sliding short | 76 |
| 8780A series | OSP™ VNA Calibration Kits (Standard) | 36 |
| 8780B series | OSP™ VNA Calibration Kits (Fixed Termination) | 36 |
| 8780F series | OSP™ Female VNA Calibration Kits (Fixed Termination) | 37 |
| 8780M series | OSP™ Male VNA Calibration Kits (Fixed Termination) | 37 |
| 8781A | LCP/OSP™ female fixed offset short | 36-37, 72 |
| 8781B | LCP/OSP™ male fixed offset short | 36-37, 72 |
| 8782A | OSP™ female open | 36-37, 79 |
| 8782B | OSP™ female open | 36-37, 79 |
| 8783A | LCP/OSP™ female fixed termination | 36-37, 58 |
| 8783B | LCP/OSP™ male fixed termination | 36-37, 58 |
| 8784E | LCPOSP™ sliding termination (interchangeable F/M connectors) | 36, 64 |
| 8787G | LCP/OSP™ female to 7mm adapter | 37, 118 |
| 8787H | LCP/OSP™ male to 7mm adapter | 37, 118 |
| 8787J | LCP/OSP™ female to Type N male adapter | 36-37, 118 |
| 8787K | LCP/OSP™ male to Type N male adapter | 36-37, 118 |
| 8787Q | LCP/OSP™ female to 3.5mm female adapter | 37, 118 |
| 8787R | LCP/OSP™ female to 3.5mm male adapter | 37, 118 |
| 8787S | LCP/OSP™ male to 3.5mm female adapter | 37, 118 |
| 8787T | LCP/OSP™ male to 3.5mm male adapter | 37, 118 |
| 8799A1 | 5/16-in. hex torque wrench (8 in. lbs) | 4-6, 8-10, 12-14, 16-18, 21, 39, 94 |
| 8799D1 | 5/16-in. hex torque wrench (5 in. lbs) | 94 |
| 8799E1 | 1/4-in. hex torque wrench (5 in. lbs) | 94 |
| 8800 | | |
| 8801A | Type N female to Type N female adapter | 115 |
| 8801B | Type N male to Type N male adapter | 115 |
| 8801C | Type N female to Type N male adapter | 115 |
| 8801K | Type N to Type N adapter kit | 115 |
| 8801L | Type N to Type N adapter kit | 115 |
| 8803A | Type N female to Type N female adapter | 115 |
| 8803B | Type N male to Type N male adapter | 115 |
| 8803C | Type N female to Type N male adapter | 115 |
| 8803D | Type N female to Type N female adapter | 115 |
| 8806A | Type N female precision fixed fixed offset short | 70 |
| 8806B | Type N female precision fixed fixed offset short | 70 |
| 8806C | Type N female precision fixed fixed offset short | 22-24, 70 |
| 8806D | Type N female precision fixed fixed offset short | 70 |
| 8806G | Type N female precision fixed fixed offset short | 24, 70 |
| 8807A | Type N male precision fixed fixed offset short | 70 |
| 8807B | Type N male precision fixed fixed offset short | 70 |
| 8807C | Type N male precision fixed fixed offset short | 22-24, 70 |
| 8807D | Type N male precision fixed fixed offset short | 70 |
| 8809B1 | Type N female open | 22-24, 79 |
| 8810B1 | Type N male open | 22-24, 79 |
| 8816A | Type N female to SMA female adapter | 116 |
| 8816B | Type N female to SMA male adapter | 116 |
| 8816C | Type N male to SMA female adapter | 116 |
| 8816D | Type N male to SMA male adapter | 116 |
| 8817A | Type N female to TNC adapter | 29, 116 |
| 8817B | Type N female to TNC male adapter | 29, 116 |
| 8817C | Type N male to TNC female adapter | 29, 116 |
| 8817D | Type N male to TNC male adapter | 29, 116 |
| 8820A | Type N female to HN female adapter | 116 |
| 8820B1 | Type N female to HN male adapter | 116 |
| 8820C | Type N male to HN female adapter | 116 |
| 8820D1 | Type N male to HN male adapter | 116 |
| 8821A1 | Type N female to BNC female adapter | 34, 116 |
| 8821B1 | Type N female to BNC male adapter | 34, 116 |
| 8821C1 | Type N male to 50 BNC female adapter | 34, 116 |
| 8821D1 | Type N male to 50 BNC male adapter | 34, 39, 116 |
| 8822A | Type N female to C female adapter | 39, 116 |
| 8822B | Type N female to C female adapter | 116 |
| 8822C | Type N male to C female adapter | 116 |
| 8822D | Type N male to C male adapter | 116 |
| 8828A | Type N female to type N female adapter | 22-23, 39, 114 |
| 8828B | Type N male to type N male adapter | 22-23, 39, 114 |
| 8828C | Type N female to type N male adapter | 22-23, 39, 114 |
| 8829A | NMD3.5mm female to type N female adapter | 25, 108 |
| 8829B | NMD3.5mm female to type N male adapter | 25, 108 |
| 8834A | Type N female sliding termination | 62 |
| 8834B | Type N male sliding termination | 62 |
| 8834C | Type N female/male sliding termination set | 62 |
| 8850 series | Type N VNA Calibration Kits (Standard & Fixed Termination) | 22-23 |
| 8850Q01 | Type N Female VNA Calibration Kit (Economy) | 39 |
| 8850Q02 | Type N Male VNA Calibration Kit (Economy) | 39 |
| 8850Q03 | Type N Female and Male VNA Calibration Kit (Economy) | 39 |
| 8850Z8 | 3.5mm to Type N VNA Calibration Kit Adapter Set | 25 |
| 8850Z9 | 7mm to Type N VNA Calibration Kit Adapter Set | 25 |
| 8850Z10 | 2.4mm to Type N VNA Calibration Kit Adapter Set | 25 |
| 8860A series | Type N TRL/LRL VNA Cal Kits (Tri-Kit) | 24 |
| 8860_ | 3.5mm to Type N VNA Calibration Kit Adapter Set | 25 |
| 8850_ | 2.4mm to Type N VNA Calibration Kit Adapter Set | 25 |
| 8850_ | 7mm to Type N VNA Calibration Kit Adapter Set | 25 |
| 8880A series | Type N VNA Calibration Kits (75 Ω Fixed Term.) | 26-27 |
| 8880B series | Type N VNA Calibration Kits (75 Ω Fixed Term.) | 26-27 |
| 8880X2 | Foam-lined utility box | 26 |
| 8882A | Type N 75 Ω female to type N 75 Ω female adapter | 26-27, 117 |
| 8882B | Type N 75 Ω male to type N 75 Ω male adapter | 26-27, 117 |
| 8882C | Type N 75 Ω female to type N 75 Ω male adapter | 26-27, 117 |
| 8882D1 | Type N 75 Ω female to 7mm 50 Ω adapter | 26-27, 117 |
| 8882D2 | Type N 75 Ω male to 7mm 50 Ω adapter | 26-27, 117 |
| 8882E1 | Type N 75 Ω female to NMD3.5mm 50 Ω female adapter | 26-27, 117 |
| 8882E2 | Type N 75 Ω male to NMD3.5mm 50 Ω female adapter | 26-27, 117 |
| 8882F11 | Type N 75 Ω female to type N 50 Ω female adapter | 26-27, 117 |
| 8882F12 | Type N 75 Ω female to type N 50 Ω male adapter | 26-27, 117 |
| 8882F21 | Type N 75 Ω male to type N 50 Ω female adapter | 26-27, 117 |
| 8882F22 | Type N 75 Ω male to type N 50 Ω male adapter | 26-27, 117 |
| 8882G11 | Type N 75 Ω female to 7mm 50 Ω male adapter | 26-27, 117 |
| 8882G12 | Type N 75 Ω female to 3.5mm 50 Ω male adapter | 26-27, 117 |
| 8882G21 | Type N 75 Ω male to 3.5mm 50 Ω male adapter | 26-27, 117 |

# MODEL INDEX


| MODEL | | PAGE |
|---|---|---|
| 8882G22 | Type N 75 Ω male to 3.5mm 50 Ω male adapter | 26-27, 117 |
| 8883A | Type N 75 Ω female fixed termination | 26- 27, 55 |
| 8883B | Type N 75 Ω male fixed termination | 26- 27, 55 |
| 8884A | Type N 75 Ω female fixed offset short | 26- 27, 73 |
| 8884B | Type N 75 Ω male fixed offset short | 26- 27, 73 |
| 8885A | Type N 75 Ω female open | 26- 27, 79 |
| 8885B | Type N 75 Ω male open | 26- 27, 79 |
| 8900 | | |
| 8921A | SMA female to female semi-rigid cable | 132 |
| 8921B | SMA male to male semi-rigid cable | 132 |
| 8921C | SMA female to male semi-rigid cable | 132 |
| 8926 | SMA flexible cable | 132 |
| 8944A25 | NMD3.5mm test port cable and adapter kit | 134 |
| 8944A38 | NMD3.5mm test port cable and adapter kit | 134 |
| 8944B25 | NMD3.5mm test port cable and adapter kit | 134 |
| 8944B38 | NMD3.5mm test port cable and adapter kit | 134 |
| 8944C25 | NMD3.5mm test port cable and adapter kit | 134 |
| 8944C38 | NMD3.5mm test port cable and adapter kit | 134 |
| 8946A25 | NMD2.4mm test port cable and adapter kit | 134 |
| 8946A38 | NMD2.4mm test port cable and adapter kit | 134 |
| 8946B25 | NMD2.4mm test port cable and adapter kit | 134 |
| 8946B38 | NMD2.4mm test port cable and adapter kit | 134 |
| 8946C25 | NMD2.4mm test port cable and adapter kit | 134 |
| 8946C38 | NMD2.4mm test port cable and adapter kit | 134 |
| 8948A25 | 7mm test port cable and adapter kit | 20, 134 |
| 8948A38 | 7mm test port cable and adapter kit | 20, 134 |
| 8948B25 | 7mm test port cable and adapter kit | 20, 134 |
| 8948B38 | 7mm test port cable and adapter kit | 20, 134 |
| 8948C25 | 7mm test port cable and adapter kit | 20, 134 |
| 8948C38 | 7mm test port cable and adapter kit | 20, 134 |
| 9400 | | |
| 9476(x) | Custom precision mismatch kits (special order) | 88 |
| 9500 | | |
| 9526C | 7mm semi-rigid 90° bend | 133 |
| A000 | | |
| A007A | Type N connector gage kit (push-on) | 92 |
| A012A | BNC/TNC connector gage kit (push-on) | 28-29, 92 |
| A012E | AFTNC/TNC connector gage kit (push-on) | 28, 92 |
| A020A | Type N connector gage kit (push-on) | 22, 26-27, 92 |
| A020D | Type N connector gage kit (thread-on) | 22-24, 26-27, 39, 92 |
| A020G | Type N 75 ohm connector gage kit (push-on) | 26-27, 92 |
| A024 | 14mm Connector Gage Kit (push-on type) | 34, 92 |
| A025A | Type N/BNC/TNC/C/SC connector gage kit (push-on) | 92 |
| A027 | SMA connector gage kit (push-on) | 92 |
| A027A | SMA connector gage kit (push-on) | 92 |
| A027G | SMA connector gage kit (push-on) | 92 |
| A027M | SMA connector gage kit (push-on) | 92 |
| A028 | 7mm connector gage (push-on type) | 20-21, 92, 134 |
| A028D | 7mm connector gage kit (thread-on) | 21, 92 |
| A028D2 | 7mm master gage (push-on type) | 20 |
| A034B | 2.92mm (K)/3.5mm connector gage kit (push-on) | 92 |
| A034E | 2.92mm (K)/3.5mm connector gage kit (thread-on) | 92 |
| A035E | 2.4mm connector gage kit (thread-on) | 92 |
| A039C | OSP™ connector gage kit (push-on) | 36, 92 |
| A041A | 7-16 connector gage kit (push-on) | 39, 45, 92 |

| MODEL | | PAGE |
|---|---|---|
| A042A | SMP/GPO™ connector gage kit (push-on) | 92 |
| A045A | Multiport connector gage kit (push-on) | 92 |
| A046A | ZMA/BZ connector gage kit (push-on) | 92 |
| A048A | 1.85mm/2.4mm digital connector gage kit (thread-on) | 4-6, 8-10, 92 |
| A050A | 2.92mm /3.5mm digital connector gage kit (thread-on) | 12-14, 16-18, 39, 92 |
| A050A1 | 2.92mm/3.5mm female connector gage | 16 |
| A050A2 | 2.92mm/3.5mm male connector gage | 16 |
| A050A3 | 2.92mm/3.5mm female master gage | 16 |
| A050A4 | 2.92mm/3.5mm male master gage | 16 |
| (*)100 | | |
| (*)101A(*) | WR137-WR28 rectangular transmission lines | 44, 127 |
| (*)102A(*) | WR284-WR34 rectangular transmission lines | 44, 127 |
| (*)103A(*) | WR22-WR10 rectangular millimeter waveguide transmission lines | 127 |
| (*)106A(*) | WR22-WR10 rectangular millimeter waveguide transmission lines | 127 |
| (*)115(*) | WR22 (UG383/U) test port adapter | 127 |
| (*)161(*) | WR112-WR75 rectangular waveguide transitions - overlapping bands | 127 |
| (*)166(*) | WR284-WR28 waveguide flange adapters | 126 |
| (*)200 | | |
| (*)200(*) | WR430-WR28 to 3.5mm RAL adapters | 47, 122-123 |
| (*)209(**) | WR650-WR62 to 7mm RAL adapters | 122-123 |
| (*)210(*) | WR137-WR51 to SMA female RAL adapters | 47, 122-123 |
| (*)211(*) | WR137-WR51 to SMA male RAL adapters | 122-123 |
| (*)213(*) | WR650-WR62 to Type N female RAL adapters | 122-123 |
| (*)214(*) | WR137 to Type N female RAL adapters | 123 |
| (*)215(*) | WR75 to TNC female RAL adapters | 123 |
| (*)216(*) | WR75 to TNC male RAL adapters | 123 |
| (*)221(*) | WR430-WR62 to Type N EL adapters | 124-125 |
| (*)223(*) | WR62 to SMA EL adapters | 125 |
| (*)229(*) | WR430-WR62 to 7mm EL adapters | 124-125 |
| (*)230A(*)/B(*) | WR229-WR28 to 3.5mm EL adapters | 47, 124-125, 135-136 |
| (*)230K(*) | NMD3.5mm to WR229-WR28 test port adapters | 47, 135-136 |
| (*)233(*) | WR42-WR28 to 2.92mm EL adapters | 47, 124-125 |
| (*)233(*) | NMD3.5mm to WR28 test port adapter | 136 |
| (*)236(*) | WR90-WR22 to 2.4mm RAL adapters | 44, 123 |
| (*)237(*) | WR42-WR22 to 2.4mm EL adapters | 124-125 |
| (*)300 | | |
| (*)301(*) | WR650-WR10 waveguide precision fixed terminations | 44, 60 |
| (*)313(*) | Precision waveguide sliding terminations | 47, 65 |
| (*)314(*) | High precision waveguide sliding terminations | 44, 41, 65 |
| (*)322A(*) | Waveguide two-port mismatch 1/4λ straight sections (shims) | 47 |
| (*)322A(*) | Waveguide two-port mismatch standard sets | 89 |
| (*)340(*) | Waveguide fixed offset shorts | 44, 75 |
| (*)341(*) | Waveguide sliding shorts | 78 |
| (*)344(*) | Waveguide fixed flush shorts | 44, 47, 74 |
| (*)345(*) | Waveguide sliding shorts | 78 |
| (*)347(*) | Waveguide sliding shorts | 78 |
| (*)353(*) | Waveguide slide screw tuners | 146 |
| (*)7000 | | |
| (*)7005E(*) | Waveguide VNA Cal Kits (Standard) | 44 |
| (*)7005G(*) | Millimeter Waveguide VNA Cal Kits (Optimized) | 45 |
| (*)7005M(*) | Millimeter Waveguide VNA Cal Kits (Economy) | 46 |
| (*)7006A(*) | Waveguide VNA Cal Kits (Economy) | 47 |
| (*)7007H(*) | Waveguide TRL VNA Cal Kits | 48 |