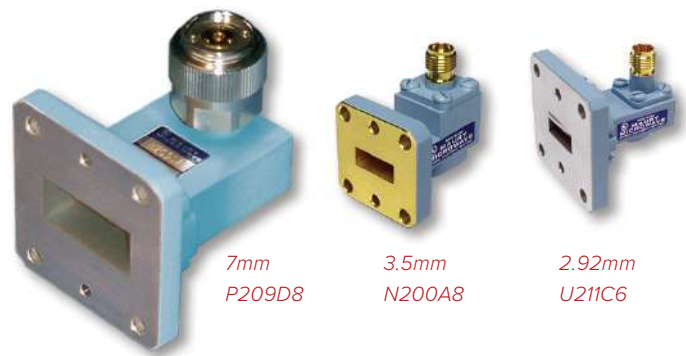


Waveguide-To-Coaxial Adapters — Right Angle Launch

WR90–WR22 TO 2.4MM, 2.92MM, 3.5MM, 7MM,
AND TYPE N



General Information

Maury produces a comprehensive lines of waveguide to coaxial adapters. Our adapters set the standards for high precision laboratory test and measurement applications, and for systems applications where accuracy and durability are important. These adapters feature precision index holes and lapped flanges to facilitate proper mating; ensuring that your system will deliver the critical performance demanded by the most exacting measurement tasks.

Maury waveguide to coaxial adapters include right angle and end launch configurations. They are available in all common waveguide sizes, covering frequencies from 8.2 to 50 GHz. They adapt to 2.4mm, 2.92mm, 3.5mm, 7mm, and type N coaxial connector types.

Description

Maury right angle launch adapters feature low VSWR and low insertion loss. Except where noted, flanges are in accordance with the listing on page 136. Most of the adapters shown incorporate precision index holes in the flange for precise mating alignment and connection repeatability. Please consult the factory for detailed flange interface information.

Specifications

Frequency Range -- 8.20 – 50.00 GHz
(in waveguide bands)

Flanges -- Cover Type, see page 136

VSWR Options

Improved VSWR is provided on adapters with a numeric suffix to the model number (e.g., X200A8).

Model Suffix	Maximum VSWR
8	1.07
1	1.10
6	1.15
3	1.20

Many adapters can be provided with improved VSWR over their full or partial waveguide bands. Our Sales Department will gladly assist you with this and other application specific requirements. Information on specific models such as loss, power handling and dimensions will be provided on request.

Waveguide-To-Coaxial Adapters — Right Angle Launch

Available Models

Right Angle Launch EIA WR to 2.4mm, 2.92mm and 3.5mm Connectors

FREQUENCY RANGE (GHz)	EIA WR NUMBER	MODEL (BY COAXIAL CONNECTOR TYPE)					
		2.4mm female	2.4mm male	2.92mm female	2.92mm male	3.5mm female	3.5mm male
8.20 – 12.40	90	—	—	—	—	X200C8	X200D8
10.00 – 15.00	75	—	—	—	—	M200A8	M200B8
12.40 – 18.00	62	—	—	—	—	P200A8	P200D8
15.00 – 22.00	51	—	—	—	—	N200A8	N200B8
18.00 – 26.50	42	K236A1	K236B1	—	—	K200A1	K200B1
22.00 – 33.00	34	Q236A1	Q236D1	—	—	Q200C3	Q200B3
26.50 – 40.00	28	U236C6	U236D6	U210C6	U211C6	—	—
33.00 – 50.00	22	J236A3	J236B3	—	—	—	—

Right Angle Launch EIA WR to 7mm and Type N Connectors

FREQUENCY RANGE (GHz)	EIA WR NUMBER	MODEL (BY COAXIAL CONNECTOR TYPE)		
		7mm	Type N female	Type N male
8.20 – 12.40	90	X209D8	X213D8	X214D8
10.00 – 15.00	75	M209D8	M213D8	M214D8
12.40 – 18.00	62	P209E8	P213E8	P214E8

Waveguide-To-Coaxial Adapters — End Launch

WR430–WR22 TO 2.4MM, 2.92MM, 3.5MM, 7MM,
AND TYPE N



K233B8
WR42 -to-2.92mm
Male

U237A1
WR28 -to-2.4mm
Female

General Information

Maury produces a comprehensive lines of waveguide to coaxial adapters. Our adapters set the standards for high precision laboratory test and measurement applications, and for systems applications where accuracy and durability are important. These adapters feature precision index holes and lapped flanges to facilitate proper mating; ensuring that your system will deliver the critical performance demanded by the most exacting measurement tasks.

Maury waveguide to coaxial adapters include right angle and end launch configurations. They are available in all common rectangular waveguide sizes, covering frequencies from 8.2 to 50 GHz. They adapt to 2.4mm, 2.92mm, 3.5mm, 7mm, type N and SMA coaxial connector types.

Description

Maury end launch adapters feature low VSWR and low insertion loss. Except where noted, flanges are in accordance with the listing on page 136. Most of the adapters shown incorporate precision index holes in the flange for precise mating alignment and connection repeatability. Please contact us for detailed flange interface information.

Specifications

Frequency Range -- 8.20 – 50.00 GHz
(in waveguide bands)

Flanges -- Cover Type, see page 136

VSWR Options

Improved VSWR is provided on adapters with a numeric suffix to the model number (e.g.,X230A1).

Model Suffix	Maximum VSWR
8	1.07
1	1.10
6	1.15
3	1.20

Many adapters can be provided with improved VSWR over their full or partial waveguide bands. Our Sales Department will gladly assist you with this and other application specific requirements. Information on specific models such as loss, power handling and dimensions will be provided on request.

Waveguide-To-Coaxial Adapters — End Launch

Available Models

End Launch EIA WR to 2.4mm, 2.92mm, and 3.5mm Connectors

FREQUENCY RANGE (GHz)	EIA WR NUMBER	MODEL (BY COAXIAL CONNECTOR TYPE)					
		2.4mm female	2.4mm male	2.92mm female	2.92mm male	3.5mm female	3.5mm male
8.20 – 12.40	90	—	—	—	—	X230A1	X230B1
10.00 – 15.00	75	—	—	—	—	M230A1	M230B1
12.40 – 18.00	62	—	—	—	—	P230A8	P230B8
15.00 – 22.00	51	—	—	—	—	N230A3	N230B3
18.00 – 26.50	42	K237C8	K237D8	K233A8	K233B8	K230C6	K230D6
22.00 – 33.00	34	Q237A8	Q237B8	—	—	—	—
26.50 – 40.00	28	U237C1	U237D1	U233A1	U233B1	—	—
33.00 – 50.00	22	J237A6	J237B6	—	—	—	—

End Launch EIA WR to 7mm and Type N Connectors

FREQUENCY RANGE (GHz)	EIA WR NUMBER	MODEL (BY COAXIAL CONNECTOR TYPE)		
		7mm	Type N female	Type N male
8.20 – 12.40	90	X229B8	X221C8	X221D8
10.00 – 15.00	75	M229B8	M221A8	M221B8
12.40 – 18.00	62	P229B8	P221A8	P221D8