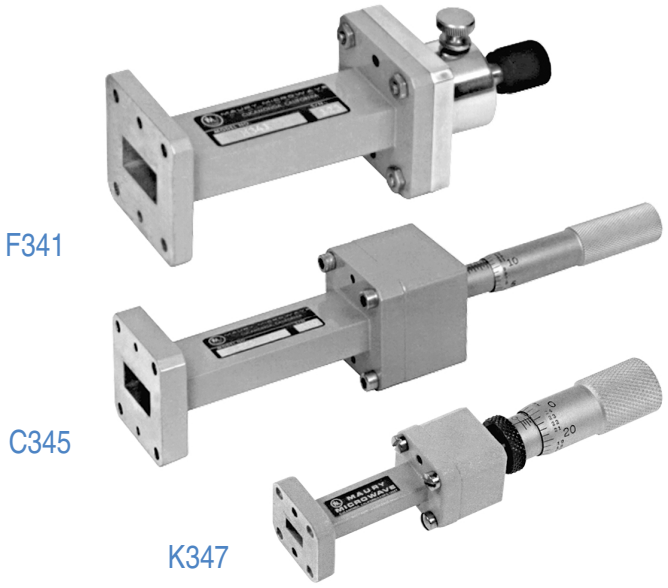
Waveguide Sliding Shorts

Series 341, 345 and 347

Description

Maury waveguide sliding shorts are convenient, low loss, movable shorts for use in a variety of microwave techniques. They can be used with waveguide tees as a variable shunt for tuning or impedance matching applications and they are a necessary device for tuning high performance tuned reflectometer systems. They are valuable for establishing a reference impedance for the calibration and error analysis of waveguide measurement systems. Maury offers three grades of waveguide sliding shorts; series 341, featuring an uncalibrated sliding shaft with a position lock (called an "uncalibrated drive"; series 345, featuring a 0.001-inch resolution micrometer drive (or "calibrated drive"); and series 347 high precision drive, featuring a sliding shaft with a position lock for rapid adjustment, plus a 0.001-inch resolution micrometer for fine adjustment.



Available Models

MODEL	DRIVE TYPE	EIA WR NUMBER	FREQUENCY RANGE (GHz)			EQUIVALENT FLANGE
R341B	Uncalibrated	430	1.7	—	2.6	CPR430F
S341	Uncalibrated	284	2.6	—	3.95	UG53/U
E341B	Uncalibrated	229	3.3	—	4.9	CPR229F
G341	Uncalibrated	187	3.95	—	5.85	UG149A/U
F341B	Uncalibrated	159	4.90	—	7.05	CPR159F
C345	Calibrated	137	5.85	—	8.2	UG344/U
H345	Calibrated	112	7.05	—	10.0	UG51/U
X345	Calibrated	90	8.2	—	12.4	UG39/U
M345	Calibrated	75	10.0	—	15.0	MPF75
P345	Calibrated	62	12.4	—	18.0	UG419/U
K345	Calibrated	42	18.0	—	26.5	UG595/U
U345	Calibrated	28	26.5	—	40.0	UG599/U
S347	High Precision	284	2.6	—	3.95	UG53/U
C347	High Precision	137	5.85	—	8.2	UG344/U
H345	High Precision	112	7.05	—	10.0	UG51/U
X347A	High Precision	90	8.2	—	12.4	UG39/U
M347	High Precision	75	10.0	—	15.0	MPF75
P347	High Precision	62	12.4	—	18.0	UG419/U
K347	High Precision	42	18.0	—	26.5	UG595/U
U347	High Precision	28	26.5	—	40.0	UG599/U
J347A	High Precision	22	33.0	—	50.0	UG383/U