

Table 1. Specifications

Model	G532A	J532A ¹	H532A	X532B	M532A	P532A	K532A ⁵	R532A ⁵
Frequency Range (GHz)	3.95-5.85	5.3-8.2	7.0-10	8.2-12.4	10-15	12.4-18	18-26.5	26.5-40
Overall Accuracy ²	0.065%	0.065%	0.075%	0.08%	0.085%	0.10%	0.11%	0.12%
Calibration Increments	1 MHz	2 MHz	2 MHz	5 MHz	5 MHz	5 MHz	10 MHz	10 MHz
Scale Length in. (mm)	155 (3937)	140 (3556)	125 (3145)	77 (1956)	74 (1880)	75 (1905)	72 (1829)	75 (1905)
Dial Accuracy ³	0.033%	0.033%	0.040%	0.050%	0.053%	0.068%	0.077%	0.083%
Fits Waveguide (in.) (EIA)	2 x 1 WR187	1-1/2 x 3/4 WR137	1-1/4 x 5/8 WR112	1 x 1/2 WR90	.850 x .475 WR75	.702 x .391 WR62	1/2 x 1/4 WR42	.360 x .220 WR28
Equiv Flange	UG-407/U	UG-441/U	UG-138/U	UG-39/U	Cover	UG-419/U	UG-595/U	UG-599/U
Max Temp Coef %/°C	0.0012	0.0012	0.0015	0.0010	0.0012	0.0012	0.0013	0.0017
Size, in., (mm)								
Length	6-1/4 (159)	6-1/4 (159)	6-1/4 (159)	4-1/2 (114)	4-1/2 (114)	4-1/2 (114)	4-1/2 (114) ⁴	4-1/2 (114) ⁴
Height	9-1/2 (241)	9-1/8 (232)	8 (203)	6-1/8 (156)	6-1/4 (159)	6-1/4 (159)	5-3/8 (137)	5-1/2 (140)
Depth	5 (127)	5-1/2 (114)	4-3/8 (111)	2-7/8 (73)	2-3/4 (70)	2-3/4 (70)	2-7/8 (73)	2-3/4 (70)
Net Weight lb, (kg)	9-1/2 (4, 1)	7-1/2 (3, 4)	6 (2, 7)	3-1/2 (1, 6)	3-1/2 (1, 6)	3 (1, 4)	1-1/2 (0, 7)	1-1/2 (0, 7)

FOR ALL MODELS

DIP AT RESONANCE: 1 dB or more

MINIMUM CALIBRATION SPACING: 1/32 inch

¹Because of the wide frequency range of the J532A, frequencies from 7.6 to 8.2 GHz can excite the TE₁₁₂ mode when the dial is set between 5.3 and 5.6 GHz.²Includes dial accuracy, 20°C temperature variation (23° ±10°C) and 0.02% for 0 to 100% relative humidity.³Includes mechanical tolerances and backlash.⁴With circular flange adapter, 5-5/16" (135 mm).⁵Circular flange adapters available: specify HP 11515A (UG-425/U) for "K" band; HP 11516A (UG-381/U) for "R" band.