

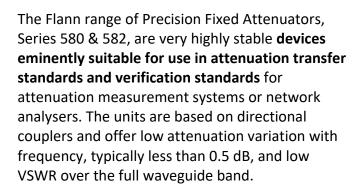
FLANN MICROWAVE

Precision Fixed Attenuators

Series 580 / 582

Features

- Very High Stability
- Attenuation Variation with Frequency Less than ±1.5 dB over full waveguide band @ 500 GHz
- Very Low Coupling Sensitivity vs Temperature
- High Power Versions Available



Standard attenuation values 3, 6, 10, 20, 30, 40, 50 and 60 dB. Alternative attenuation value and high-power whandling units can be manufactured to special requirements.





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Model	Frequency Range (GHz)	Waveguide				Attenuation				
		WG	WM	R	WR	Sensitivity (±dB)	Nominal Accuracy (dB)			VSWR (better than)
							3 - 6	10	20 - 60	
14580	5.38 - 8.18	14	-	70	137	0.5	0.5	0.5	1.0	1.10
15580	6.58 - 10.0	15	-	84	112	0.5	0.5	0.5	1.0	1.10
16580	8.20 - 12.50	16	-	100	90	0.5	0.5	0.5	1.0	1.10
17580	9.84 - 15.0	17	-	120	75	0.5	0.5	0.5	1.0	1.10
18580	11.9 - 18.0	18	-	140	62	0.5	0.5	0.5	1.0	1.10
19580	14.5 - 22.0	19	-	180	51	0.5	0.5	0.5	1.0	1.10
20580	17.6 - 26.7	20	-	220	42	0.75	0.5	0.75	1.2	1.10
21580	21.7 - 33.0	21	-	260	34	0.75	0.5	0.75	1.2	1.10
22580	26.4 - 40.1	22	-	320	28	0.75	0.5	0.75	1.2	1.10
23582	33.0 - 50.1	23	-	400	22	0.75	0.5	0.75	1.2	1.15
24582	39.3 - 59.7	24	-	500	19	0.75	0.5	0.75	1,2	1.15
25582	49.9 - 75.8	25	-	620	15	0.75	0.5	0.75	1,2	1.15
26582	60.5 - 92.0	26	-	740	12	1.0	0.5	0.75	1.5	1.15
27582	73.8 - 112	27	-	900	10	1.0	0.75	1.0	1.5	1.15
28582	92.3 - 140	28	-	1200	8	1.0	0.75	1.0	1,5	1,15
29582	114 - 173	29	-	1400	6	1.0	0.75	1.0	1.5	1.20
30582	145 - 220	30	-	1800	5	1.0	0.85	1,2	2.0	1.25
31582	172 - 261	31	-	2200	4	1,2	0.85	1,2	2.0	1.30
32582	217 - 330	32	-	2600	3	1,2	0.85	1,2	2.0	1.40
710582	260 - 400	-	710	-	'2.8'	1.5	1.0	1.5	2.5	1.60
570582	330 - 500	-	570	-	'2.2'	1.5	1.0	1.5	2.5	2.00

ORDERING INFORMATION

Model: attenuation value suffix; description Example: Model 22580-20 precision fixed 20 dB attenuator

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