

Sliding Terminations

Series 540

Features

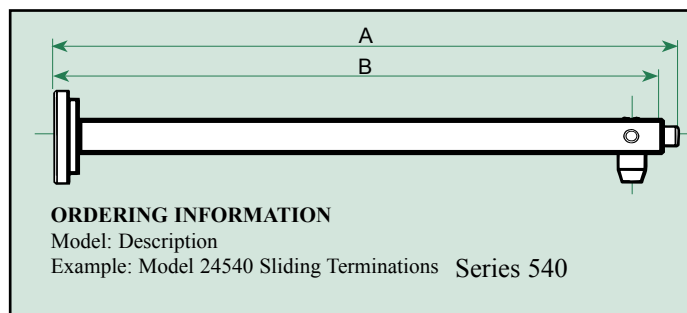
- Low Housing VSWR
- Low Sliding Element VSWR
- Models from 1.14 to 140GHz



Model 17540

The Flann Series 540 Terminations consist of a length of uniformly sized waveguide. Within the waveguide is a close fit sliding load which moves in a precisely controlled manner. It is desirable to use a sliding termination when measuring low VSWR values.

The effect of sliding the termination enables the user to deduce low VSWR values to a greater accuracy than that achieved by a fixed termination technique.



Model	Frequency Range (GHz)	Waveguide			Housing VSWR (max)	Sliding Element VSWR (max)	Dimensions (mm)			Model
		WG	R	WR			A	B	C	
06540	1.14 - 1.73	6	14	650	1.006	1.020	On Request			06540
08540	1.72 - 2.61	8	22	430	1.006	1.020	1097	856	73	08540
10540	2.60 - 3.95	10	32	284	1.006	1.015	719	543	48	10540
11A540	3.30 - 4.90	11A	40	229	1.006	1.015	771	632	42	11A540
12540	3.94 - 5.99	12	48	187	1.006	1.010	638	506	37	12540
13540	4.64 - 7.05	13	58	159	1.006	1.010	575	462	32	13540
14540	5.38 - 8.18	14	70	137	1.006	1.010	492	388	28	14540
15540	6.58 - 10.0	15	84	112	1.006	1.008	406	322	24	15540
16540	8.20 - 12.5	16	100	90	1.006	1.006	347	289	19	16540
17540	9.84 - 15.0	17	120	75	1.008	1.006	317	255	18	17540
18540	11.9 - 18.0	18	140	62	1.010	1.008	267	218	18	18540
19540	14.5 - 22.0	19	180	51	1.010	1.010	237	184	15	19540
20540	17.6 - 26.7	20	220	42	1.010	1.010	185	140	14	20540
22540	26.4 - 40.1	22	320	28	1.012	1.015	117	97	12	22540
23540	33.0 - 50.1	23	400	22	1.015	1.020	156	136	15	23540
24540	39.3 - 59.7	24	500	19	1.02	1.025	156	136	15	24540
25540	49.9 - 75.8	25	620	15	1.025	1.030	101	85	14	25540
26540	60.5 - 92.0	26	740	12	1.03	1.035	94	79	14	26540
27540	73.8 - 112	27	900	10	1.035	1.040	84	71	14	27540
28540	92.3 - 140	28	1200	8	1.04	1.050	On Request			28540

Note: Other models of sliding termination are available from our range of calibration kit components detailed on pages 96 to 98. Special models are available with drive end extra low leakage levels, for use in high sensitivity systems. Leakage levels on standard sliding terminations are usually sufficiently low not to be a consideration.

For standard flange types and recommendations see pages 108 onwards