

Sliding Terminations Series 540

Features

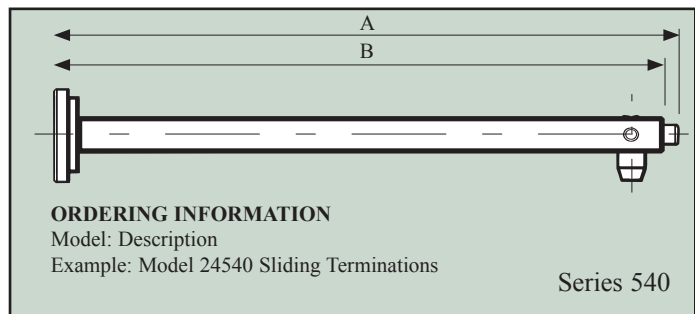
- **Low Housing VSWR**
- **Low Sliding Element VSWR**
- **Models from 1.14 GHz to 140 GHz**



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 (better than)	Sliding Element VSWR (better than)	Dimensions (mm)		
		WG	R	WR			A	B	C
06540	1.14 - 1.73	6	14	650	1.006	1.020	On Request		
08540	1.72 - 2.61	8	22	430	1.006	1.020	1097	856	73
10540	2.60 - 3.95	10	32	284	1.006	1.015	719	543	48
11A540	3.22 - 4.90	11A	40	229	1.006	1.015	771	632	42
12540	3.94 - 5.99	12	48	187	1.006	1.010	638	506	37
13540	4.64 - 7.05	13	58	159	1.006	1.010	575	462	32
14540	5.38 - 8.18	14	70	137	1.006	1.010	492	388	28
15540	6.58 - 10.0	15	84	112	1.006	1.008	406	322	24
16540	8.20 - 12.5	16	100	90	1.006	1.006	347	289	19
17540	9.84 - 15.0	17	120	75	1.008	1.006	317	255	18
18540	11.9 - 18.0	18	140	62	1.010	1.008	267	218	18
19540	14.5 - 22.0	19	180	51	1.010	1.010	237	184	15
20540	17.6 - 26.7	20	220	42	1.010	1.010	185	140	14
22540	26.4 - 40.1	22	320	28	1.012	1.015	117	97	12
23540	33.0 - 50.1	23	400	22	1.015	1.020	156	136	15
24540	39.3 - 59.7	24	500	19	1.02	1.025	156	136	15
25540	49.9 - 75.8	25	620	15	1.025	1.030	101	85	14
26540	60.5 - 92.0	26	740	12	1.03	1.035	94	79	14
27540	73.8 - 112	27	900	10	1.035	1.040	84	71	14

Note: Other models of sliding terminations are available from our range of calibration kit components detailed on pages 104 to 110. Special models are available with micrometer drive and extra low leakage levels, for use in high sensitivity systems.

For standard flange types and recommendations see pages 118 onwards