



N Male
L4.5PNM-RC



N Female
L4.5PNF-RC



7-16 DIN Male
L4.5PDM-RC



7-16 DIN Female
L4.5PDF-RC

Connectors

Interface	Description	Type Number	Inner Contact Attachment	Outer Contact Attachment	Plating Code	Max. Length in (mm)	Max. Dia. in (mm)
N Male	Ring Flare	L4.5PNM-RC	Captivated	Self Flare	SG	3.2 (81.5)	1.42 (36)
N Female	Ring Flare	L4.5PNF-RC	Captivated	Self Flare	SG	3.0 (76)	1.32 (33.5)
7-16 DIN Male	Ring Flare	L4.5PDM-RC	Captivated	Self Flare	SS	3.1 (78)	1.17 (29.8)
7-16 DIN Female	Ring Flare	L4.5PDF-RC	Captivated	Self Flare	SS	3.25 (82)	1.17 (29.8)

Plating Codes: SG - Silver Plated Body and Gold Plated Pin, SS - Silver Plated Body and Pin

Connector Accessories – See page 624.

Factory Attached Connectors – For factory made cable assemblies and jumper cables, see pages 584-587.

Standard VSWR Specifications

Frequency Band, GHz	Type Number	Assembly VSWR, Maximum (R.L., dB)				
		1-25 ft (0.3-8 m)	25-100 ft (8-30 m)	100-200 ft (30-60 m)	200-500 ft (60-150 m)	Above 500 ft (150 m)
0.806-0.960	LDF4.5-50	1.12 (24.9)*	1.13 (24.3)*	1.13 (24.3)*	1.13 (24.3)*	1.13 (24.3)**
and 1.7-2.0	LDF4.5RN-50	1.12 (24.9)*	1.13 (24.3)*	1.13 (24.3)*	1.13 (24.3)*	1.13 (24.3)**

* Expected typical values based on guaranteed 1.13 VSWR for bulk cable and Type N or DIN straight connectors. If guaranteed values are required, contact Andrew.

** 1.13 VSWR guaranteed for bulk standard cable lengths 500 ft and above.

Low VSWR Specifications, Type LDF4.5P-50-()

Frequency Band, GHz	Type Number	Using Connector Type*	Assembly VSWR, Maximum (R.L., dB)				
			1-25 ft (0.3-8 m)	25-100 ft (8-30 m)	100-200 ft (30-60 m)	200-500 ft (60-150 m)	Above 500 ft (150 m)
0.806-0.960	LDF4.5P-50-40	N	1.08 (28.3)	1.08 (28.3)	1.09 (27.3)	1.10 (26.4)	1.10 (26.4)
		7-16 DIN	1.08 (28.3)	1.08 (28.3)	1.09 (27.3)	1.10 (26.4)	1.10 (26.4)
1.7-2.2	LDF4.5P-50-41	7-16 DIN	1.10 (26.4)	1.10 (26.4)	1.10 (26.4)	1.10 (26.4)	1.10 (26.4)
0.806-0.960 and 1.7-2.2	LDF4.5P-50-42	7-16 DIN	1.10 (26.4)	1.10 (26.4)	1.10 (26.4)	1.10 (26.4)	1.10 (26.4)

* Connectors ordered separately

VSWR values apply to straight connectors only, are guaranteed for factory fit assemblies, and are typical for field cut lengths. If two different connector interfaces are selected, the higher VSWR value is guaranteed.