

Model		LDF1-50	FSJ1-50A	LDF2-50	FSJ2-50
Nominal Diameter	(in)	1/4	1/4	3/8	3/8
Type		Standard	Super flexible	Standard	Super flexible
Dielectric		Foam	Foam	Foam	Foam
Impedance	(ohms)	50 ± 1	50 ± 1	50 ± 1	50 ± 1
Maximum Frequency	(GHz)	15,8	20,4	13,5	13,4
Velocity	(%)	86	84	88	83
Peak Power Rating	(kW)	12,1	6,4	15,6	13,2
DC Resistance					
Inner Conductor	(ohms/1000m)	5,15	9,8	3,48	4,23
Outer Conductor	(ohms/1000m)	3,33	6,5	2,85	4,99
DC Breakdown	(Vdc)	2200	1600	2500	2300
Jacket Spark	(Vrms)	5000	5000	5000	5000
Capacitance	(pF/m)	76,8	79,4	75,5	79,7
Inductance	(µH/m)	0,19	0,200	0,19	0,200
Attenuation@ 894MHz	(dB/100m)	12,8	18,4	10,9	12,5
Attenuation@ 1800MHz	(dB/100m)	18,9	26,9	16,0	18,5
Outer Conductor					
Inner Conductor		Copper	Copper	Copper	Copper
Diameter over Jacket	(mm)	8,8	7,4	11	10,5
Diameter over Outer Conductor	(mm)	7,7	6,4	9,7	9,5
Diameter Inner Conductor	(mm)	2,6	1,9	3,1	2,8
Minimum Bending Radius	(mm)	76	25	95	25
Number of Bends, minimum (typical)		30	20	60	50
Bending Moment	(N.m)	1,33	1,1	1,9	2,3
Weight	(kg/m)	0,09	0,067	0,12	0,12
Tensile Strength	(kg)	91	68	113	95
Flat Plate Crush Strength	(kg/mm)	1,4	1,8	2,0	1,8
CommScope / RF COM Part # (cable)		LDF1-50 / 18740	FSJ1-50A / 18487	LDF2-50 / 17195	FSJ2-50 / 18298
CommScope / RF COM Part # (connector)					
N M Straight		L1TNM-PL / 18833	F1PNM-HC / 18723	L2TNM-PL / 45031	F2TNM-PL / 47931
N M 90°		L1TNR-PL / 18834	F1TNR-HC / 56250	L2TNR-PL / 50127	F2TNR-PL / 47932
N F Straight		L1TNF-PL / 52731	F1PNF / 19990	L2TNF-PL / 53126	F2PNF-C / 19560
DIN 7/16 M Straight		L1TDM-PL / 45815	F1TDM-C / 47309	L2TDM-PL / 45032	F2TDM-PL / 56249
DIN 7/16 M 90°				L2PDR-C / 56247	F2PDR-C / 19562
DIN 7/16 F Straight		L1TDF-PL / 47310	F1TDF / 34849	L2TDF-PL / 56248	F2PDF-C / 19563
TNC M		L1PTM / 39069	F1TTM-C / 29295	L2TTM-PL / 52463	
TNC F				L42ENT / 29214	
SMA M		L1TSM-PL / 56162	F1TSM-C / 31387	L2TSM-PL / 48778	
SMA M 90°			F1TSR / 34850		
UHF M			41SP / 30457	L42P / 27153	
BNC M			F1TBM-C / 43428		

RF COM can supply assembled cables/jumpers in any length or connector combination

For other CommScope cables and connectors, please contact us.



**Important:** For corrugated tube outer conductor cables always use connectors from the same manufacturer of the cable specifically designed for the cable type, to ensure compatibility.

