

Model		LDF4-50A	FSJ4-50B	FXL-540	AVA5-50	FXL-780
Nominal Diameter	(in)	1/2	1/2	1/2	7/8	7/8
Type		Standard	Super flexible	Flexible	Standard	Flexible
Dielectric		Foam	Foam	Foam	Foam	Foam
Impedance	(ohms)	50 ± 1	50 ± 1	50 ± 1	50 ± 1	50 ± 1
Maximum Frequency	(GHz)	8,8	10,2	8,8	4,9	5,3
Velocity	(%)	88	81	88	91	88
Peak Power Rating	(kW)	40	15,6	41,8	91	86
DC Resistance						
Inner Conductor	(ohms/1000m)	4,76	2,69	0,42	1,35	3,3
Outer Conductor	(ohms/1000m)	1,90	3,28	0,63	1,12	1,15
DC Breakdown	(Vdc)	4000	2500	2500	6000	6000
Jacket Spark	(Vrms)	8000	5000	5000	8000	8000
Capacitance	(pF/m)	75,8	82,7	75,8	73,2	75,4
Inductance	(µH/m)	0,19	0,205	0,19	0,18	0,19
Attenuation@ 894MHz	(dB/100m)	6,85	11,1	6,73	3,53	3,67
Attenuation@ 1800MHz	(dB/100m)	10,1	16,6	9,8	5,2	5,39
Outer Conductor						
		Copper	Copper	Non-corrugated Aluminum	Copper	Non-corrugated Aluminum
Inner Conductor						
		Copper-Clad Alum	Copper-Clad Alum	Copper Tube	Copper Tube	Copper Tube
Diameter over Jacket	(mm)	16	13,2	15,4	27,99	27,7
Diameter over Outer Conductor	(mm)	14	12,2	13,7	25,4	25,5
Diameter Inner Conductor	(mm)	4,6	3,6	5,11	9,45	9,5
Minimum Bending Radius	(mm)	125	32	50,8	250	203,2
Number of Bends, minimum (typical)		50	50		30	
Bending Moment	(N.m)	3,8	2,7	8,8	15,2	35
Weight	(kg/m)	0,22	0,21	0,17	0,44	0,37
Tensile Strength	(kg)	113	80	181	147	249
Flat Plate Crush Strength	(kg/mm)	2,0	1,9	1,7	1,1	3
CommScope / RF COM Part # (cable)		LDF4-50A/16709	FSJ4-50B/16719	FXL-540/56268	AVA5-50/32001	FXL-780/56265
CommScope / RF COM Part # (connector)						
N M Straight		L4TNM-PSA/31982	F4PNMV2-HC/16727	540EZNMV2/56272	AL5NM-PSA/32006	78EZNM/56269
N M 90°		L4NR-PS/53691	F4NR-HC/52497	540EZNMRV2/56273		
N F Straight		L4TNF-PSA/34841	F4PNF-C/16726	540EZNFV2/56274	AL5NF-PSA/32005	78EZN/56270
DIN 7/16 M Straight		L4TDM-PSA/31981	F4PDMV2-C/16725	540EZDMV2/56275	AL5DM-PSA/32003	78EZDM/55339
DIN 7/16 M 90°		L4DR-PS/53868	F4DR-C/49708	540EZDMRV2/56276		
DIN 7/16 F Straight		L4TDF-PSA/31980	F4PDF-C/16724	540EZDFV2/56277	AL5DF-PSA/32002	78EZDF/55338
Flange EIA 7/8"		L4E78-PS/ 56251			AL5E78-PS/32007	
N F Straight	Bulkhead	L4PNF-BH/56252				
DIN 7/16 F Straight	Bulkhead	L4PDF-BHC/50868				

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.

