

Low PIM Connectors Selection Guide

Connectors designed and manufactured with materials and processes to reduce intermodulation generation. Connectors are available in various interfaces for attachment onto popular types of low PIM and plenum rated cables.

Cables Supported	Interface/Gender	RF Industries Part Number	Torque Wrench	Weather Proof Boot
1/4" Superflex Corrugated Commscope FSJ1-50A, FSJ1RK-50B RFS SCF14-50J, SCF14-50JFN Times Microwave SPO-250, SPF-250 1/4" Plenum Rated Corrugated Commscope PTS1-50-P Times Microwave SPP-250-LLPL, TFT-401	7-16 DIN Male	RFD-1601-HPL	TW10AX32MM / TQ-114-F18	N/A
	4.3-10 Male, male screw	RFD-43MS-HPL	TW10AX22MM	WB-43-N-HPL
	4.3-10 Male, quick disconnect	RFD-43MQ-HPL	N/A	WB-43-N-HPL
	N Male	RFN-1002-HPL	TW1412	WB-43-N-HPL
	4.1-9.5 Male (plenum cable)	RFD-4195-HPL	TW10AX24MM	WB-43-N-HPL
	4.1-9.5 Male (non-plenum cable)	RFD-4195-H3	TW10AX24MM	WB-43-N-HPL
	7-16 DIN R/A Male	RFD-1610-HPL	TW10AX32MM / TQ-114-F18	N/A
	4.3-10 R/A Male	RFD-43MRA-HPL	TW10AX22MM	N/A
	N Male R/A	RFN-1009-HPL	TW1412	N/A
	4.1-9.5 R/A Male	RFD-4195MRA-HPL	TW10AX24MM	N/A
	4.1-9.5 Female	RFD-4195F-HPL	N/A	N/A
	7-16 DIN Female	RFD-1625-HPL	N/A	N/A
	4.3-10 Female	RFD-43F-HPL	N/A	N/A
	QMA male	RQA-5000-HPL	N/A	N/A
	QMA male R/A	RQA-5010-HPL	N/A	N/A
	N Female	RFN-1027-HPL	N/A	N/A
SMA Male	RSA-3500-HPL	RFA-TW05160801	N/A	
1/2" Superflex Corrugated CommScope FSJ4, FSJ4RK RFS SCF12-50, SCF12-50JFN	N Female	RFN-1027DS-H4	N/A	N/A
	4.3-10 Male, direct solder	RFD-43MDS-H4	TW10AX22MM	WB-4310-H1
	7-16 DIN Male	RFD-1601DS-H4	TW10AX32MM / TQ-114-F18	WB-716-H1
	N Male	RFN-1002DS-H4	TW1412	WB-4310-H1
	4.1-9.5 Male	RFD-4195MC-H4	TW10AX24MM	WB-4310-H1
	7-16 DIN R/A Male	RFD-1610DS-H4	TW10AX32MM / TQ-114-F18	N/A
	4.3-10 R/A Male	RFD-43MRA-H4	TW10AX22MM	N/A
	N Male R/A	RFN-1009DS-H4	TW1412	N/A
	4.1-9.5 R/A Male	RFD-4195MRA-H4	TW10AX24MM	N/A
	7-16 DIN Female	RFD-1625DS-H4	N/A	N/A
	4.3-10 Female	RFD-43FDS-H4	N/A	N/A

Cables Supported	Interface/Gender	RF Industries Part Number	Torque Wrench	Weather Proof Boot
1/2" Annular Corrugated Commscope LDF4, LDF4RK, LDF4 RN; RFS LCF12, LCF12-50JL	4.3-10 Male, screw type clamp	RFD-43MSC-H1	TW10AX22MM	WB-4310-H1
	7-16 DIN Male clamp	RFD-1601-C-H1	TW10AX32MM / TQ-114-F18	WB-716-H1
	7-16 DIN Male direct solder	RFD-1601DS-H1	TW10AX32MM / TQ-114-F18	WB-716-H1
	4.3-10 Male, direct solder	RFD-43MDS-H1	TW10AX22MM	WB-4310-H1
	N Male clamp	RFN-1002C-H1	TW1412	WB-4310-H1
	N Male direct solder	RFN-1002DS-H1	TW1412	WB-4310-H1
	4.1-9.5 Male	RFD-4195MC-H1	TW10AX24MM	WB-4310-H1
	7-16 DIN R/A Male	RFD-1610DS-H1	TW10AX32MM / TQ-114-F18	N/A
	4.3-10 R/A Male	RFD-43MRA-H1	TW10AX22MM	N/A
	N Male R/A	RFN-1009DS-H1	TW1412	N/A
	4.3-10 Female	RFD-43FDS-H1	N/A	N/A
	7-16 DIN Female	RFD-1625DS-H1	N/A	N/A
	N Female	RFN-1027DS-H1	N/A	N/A
1/2" Plenum Rated Corrugated (ALUMINUM) - CLAMP CONNECTORS ONLY Commscope AL4RPV RFS ICA12-50JPLLW, HCA12-50	4.3-10 Male, clamp	RFD-43MSC-H1	TW10AX22MM	WB-4310-H1
	7-16 DIN Male clamp	RFD-1601C-H1	TW10AX32MM / TQ-114-F18	WB-716-H1
	N Male clamp	RFN-1002C-H1	TW1412	WB-4310-H1
	4.1-9.5 Male	RFD-4195MC-H1	TW10AX24MM	WB-4310-H1
	7-16 DIN R/A Male	RFD-1610DS-H1	TW10AX32MM / TQ-114-F18	N/A
	N Male R/A	RFN-1009DS-H1	TW1412	N/A
	7-16 DIN Female	RFD-1625DS-H1	N/A	N/A
	4.3-10 Female	RFD-43FDS-H1	N/A	N/A
N Female	RFN-1027DS-H1	N/A	N/A	
.160" Plenum Rated Highly Flexible Times Microwave TFT-402LF / TFT-402 (6GHz)	7-16 DIN Male	RFD-1601-SR2	TW10AX32MM / TQ-114-F18	N/A
	4.3-10 Male, screw type	RFD-43MS-SR2	TW10AX22MM	N/A
	N Male	RFN-1002-SR2FL	TW1412	N/A
	4.1-9.5 Male	RFD-4195-SR2FL	TW10AX24MM	N/A
	7-16 DIN R/A Male	RFD-1610-SR2	TW10AX32MM / TQ-114-F18	N/A
	4.3-10 R/A Male	RFD-43MRA-SR2	TW10AX22MM	N/A
	N Male R/A	RFN-1009-SR2	TW1412	N/A
	4.1-9.5 R/A Male	RFD-4195MRA-SR2	TW10AX24MM	N/A
	7-16 DIN Female	RFD-1625-SR2	N/A	N/A
	4.3-10 Female	RFD-43F-SR2	N/A	N/A
	N Female	RFN-1027-SR2	N/A	N/A
	QMA Male	RQA-5000-SR2FL	N/A	N/A
	1.0-2.3 Male	RF123-7003-4SR2	N/A	N/A
	QN Male	RQN-1300-SR2	N/A	N/A
	4.1-9.5 Female	RFD-4195F-SR2	N/A	N/A
	QMA Male R/A	RQA-5010-SR2FL	N/A	N/A
SMA Male	RSA-3500-SR2LP	RFA-TW05160801	N/A	
SMA Male R/A	RSA-3510-SR2LP	RFA-TW05160801	N/A	

Notes:

Due to the precise nature of the soldering of the inner and outer conductors to achieve low PIM specifications, we cannot guarantee PIM performance on the finished assemblies when connectors are field installed. If you need guaranteed PIM performance, we strongly recommend factory installed assemblies made to your specifications.