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	4.1-9.5 Female	RFD-4195F-HPL	N/A	N/A
Commscope FSJ1-50A, FSJ1RK-50B	4.1-9.5 Male (non-plenum cable)	RFD-4195-H3	TW10AX24MM	WB-43-N-HPL
RFS SCF14-50J, SCF14-50JFN	4.1-9.5 Male (plenum cable)	RFD-4195-HPL	TW10AX24MM	WB-43-N-HPL
Times Microwave SPO™-250, SPF™-250	4.3-10 Female	RFD-43F-HPL	N/A	N/A
JMA Wireless JMA 14S-50	4.3-10 Male Right Angle	RFD-43MRA-HPL	TW10AX22MM	WB-R4310-HPL
	4.3-10 Male, Screw Type	RFD-43MS-HPL	TW10AX22MM	WB-43-N-HPL
1/4" Plenum Rated Corrugated	4.3-10 Male, Quick Disconnect	RFD-43MQ-HPL	N/A	WB-43-N-HPL
Commscope PTS1-50-P	7-16 DIN Female	RFD-1625-HPL	N/A	N/A
Times Microwave SPP™-250-LLPL,	7-16 DIN Male	RFD-1601-HPL	TW10AX32MM / TQ-114-F18	WB-716-HPL
TFT™-401	7-16 DIN Male Right Angle	RFD-1610-HPL	TW10AX32MM / TQ-114-F18	WB-R716-HPL
	N Female	RFN-1027-HPL	N/A	N/A
	N Male	RFN-1002-HPL	TW1412	WB-43-N-HPL
	N Male Right Angle	RFN-1009-HPL	TW1412	WB-R4310-HPL
	NEX10™ Male	R180060017	TW1FT11MM	R280601010
	QMA Male	RQA-5000-HPL	N/A	N/A
	SMA Male	RSA-3500-HPL	RFA-TW05160801	N/A
	2.2-5 Female	RFD-225F-HPL	N/A	N/A
	2.2-5 Male	RFD-225M-HPL	TBD	WB-225-HPL
1/2" Superflex Corrugated	4.1-9.5 Male	RFD-4195MC-H4	TW10AX24MM	WB-4310-H4-H1
CommScope FSJ4, FSJ4RK	4.1-9.5 Male Right Angle	RFD-4195MRA-H4	TW10AX24MM	WB-R4310-H4-H1
RFS SCF12-50, SCF12-50JFN	4.3-10 Female	RFD-43FDS-H4	N/A	N/A
Times Microwave SPP™-500LLPL	4.3-10 Male Right Angle	RFD-43MRA-H4	TW10AX22MM	WB-R4310-H4-H1
	4.3-10 Male, Direct Solder	RFD-43MDS-H4	TW10AX22MM	WB-4310-H4-H1
	7-16 DIN Female	RFD-1625DS-H4	N/A	N/A
	7-16 DIN Male	RFD-1601DS-H4	TW10AX32MM / TQ-114-F18	WB-716-H4-H1
	7-16 DIN Male Right Angle	RFD-1610DS-H4	TW10AX32MM / TQ-114-F18	WB-R716-H4-H1
	N Female	RFN-1027DS-H4	N/A	N/A
	N Male	RFN-1002DS-H4	TW1412	WB-4310-H4-H1
	N Male Right Angle	RFN-1009DS-H4	TW1412	TBD

Notes:
Contact sales for additional information.
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.

SPF, SPO, SPP, and TFT are trademark of Times Microwave Systems. NEX10 is a trademark of HUBER + SUHNER, Radiall & ROSENBERGER.

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	4.1-9.5 Male	RFD-4195MC-H1	TW10AX24MM	WB-4310-H4-H1
	4.3-10 Female	RFD-43FDS-H1	N/A	N/A
	4.3-10 Male Right Angle	RFD-43MRA-H1	TW10AX22MM	WB-R4310-H4-H1
	4.3-10 Male, Direct Solder	RFD-43MDS-H1	TW10AX22MM	WB-4310-H4-H1
	4.3-10 Male, Screw Type	RFD-43MSC-H1	TW10AX22MM	WB-4310-H4-H1
1/2" Plenum Rated Corrugated (COPPER) RFS ICA12-50JPL, HL4RPV-50	7-16 DIN Female	RFD-1625DS-H1	N/A	N/A
	7-16 DIN Male	RFD-1601C-H1	TW10AX32MM / TQ-114-F18	WB-716-H4-H1
	7-16 DIN Male Right Angle	RFD-1610DS-H1	TW10AX32MM / TQ-114-F18	WB-R716-H4-H1
	7-16 DIN Male, Direct Solder	RFD-1601DS-H1	TW10AX32MM / TQ-114-F18	WB-716-H4-H1
	N Female	RFN-1027DS-H1	N/A	N/A
	N Male	RFN-1002C-H1	TW1412	WB-4310-H4-H1
	N Male Right Angle	RFN-1009DS-H1	TW1412	TBD
	N Male, Direct Solder	RFN-1002DS-H1	TW1412	WB-4310-H4-H1
1/2" Plenum Rated Corrugated (ALUMINUM) - CLAMP CONNECTORS ONLY	4.1-9.5 Male	RFD-4195MC-H1	TW10AX24MM	WB-4310-H4-H1
	4.3-10 Male	RFD-43MSC-H1	TW10AX22MM	WB-4310-H4-H1
	7-16 DIN Male	RFD-1601C-H1	TW10AX32MM / TQ-114-F18	WB-716-H4-H1
	N Male	RFN-1002C-H1	TW1412	WB-4310-H4-H1
.160" Plenum Rated Highly Flexible Times Microwave TFT™-402LF / TFT™-402 (6GHz)	1.0-2.3 Male	RF123-7003-4SR2	N/A	N/A
	4.1-9.5 Female	RFD-4195F-SR2	N/A	N/A
	4.1-9.5 Male	RFD-4195-SR2FL	TW10AX24MM	N/A
	4.1-9.5 Male Right Angle	RFD-4195MRA-SR2	TW10AX24MM	N/A
	4.3-10 Female	RFD-43F-SR2	N/A	N/A
	4.3-10 Male Right Angle	RFD-43MRA-SR2	TW10AX22MM	N/A
	4.3-10 Male, Screw Type	RFD-43MS-SR2	TW10AX22MM	N/A
	7-16 DIN Female	RFD-1625-SR2	N/A	N/A
	7-16 DIN Male	RFD-1601-SR2	TW10AX32MM / TQ-114-F18	N/A
	7-16 DIN Male Right Angle	RFD-1610-SR2	TW10AX32MM / TQ-114-F18	N/A
	N Female	RFN-1027-SR2	N/A	N/A
	N Male	RFN-1002-SR2FL	TW1412	N/A
	N Male Right Angle	RFN-1009-SR2LP	TW10AX32MM / TQ-114-F18	N/A
	NEX10™ Male	R180052007	TW1FT11MM	N/A
	QMA Male Right Angle	RQA-5010-SR2LP	N/A	N/A
	QN Male	RQN-1300-SR2	N/A	N/A
	SMA Male	RSA-3500-SR2LP	RFA-TW05160801	N/A
	SMA Male Right Angle	RSA-3510-SR2LP	RFA-TW05160801	N/A
	2.2-5 Female	RFD-225F-SR2	N/A	N/A
	2.2-5 Male	RFD-225M-SR2	TBD	N/A
	2.2-5 Male Right Angle	RFD-225MRA-SR2	TBD	N/A

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3/8" Corrugated Cable Commscope FSJ2-50 RFS SCF38-50J, LCF38-50J Times Microwave SPF™-375, SPO™-375, SPP™-375-LLPL	7-16 DIN Male, Direct Solder	RFD-1601DS-H8	TW10AX32MM / TQ-114-F18	WB-716-HPL
	7-16 DIN Male Right Angle, Direct Solder	RFD-1610DS-H8	TW10AX32MM / TQ-114-F18	WB-R716-HPL
	7-16 DIN Female, Direct Solder	RFD-1625D S-H8	N/A	N/A
	4.3-10 Male, Direct Solder	RFD-43MDS-H8	TW10AX22MM	WB-43-N-HPL
	4.3-10 Male Right Angle, Direct Solder	RFD-43MRA-H8	TW10AX22MM	WB-R4310-HPL
	N Male, Direct Solder	RFN-1002DS-H8	TW1412	WB-43-N-HPL
	N Female, Direct Solder	RFN-1027DS-H8	N/A	N/A

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