

4.3-10 Female Connector for 1-5/8" RADIAFLEX® cable

The P02 premium performance coaxial cable connectors are designed specifically to provide the highestquality connector-cable interface while simplifying and speeding up the attachment of connectors to RADIAFLEX® cables. The connectors should provide outstanding value to users because they permit quick, easy and reliable installation

FEATURES / BENEFITS

- Designed for Fast and Easy Installation Reliable and simple attachment avoids unnecessary connector adjustments and provides
- Outstanding performance. Saves time and provides cost savings
- Robust Mechanical Design Best in class PIM performance
- Excellent Electrical Performance Low VSWR
- Totally Waterproof Assures safe, long term operation in the harshest of environments.



43F-RA158-P02

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Installation of Heat Shrink Sleeves

Installation Instruction

Votes

In order to achieve the PIM specs. the use of the trimming tool is mandatory.

Technical features

RAL SP		

Transmission Line Type	Coaxial Cable	
Cable Size	1-5/8	
Cable Type	Radiating	
Model Series	all RLF, RLK and RAY158-50A-Series	
Connector Interface	4.3-10	
Connector Type	Straight	
Sealing Method	Shrinking Sleeve	
Gender	Female	

ELECTRICAL SPECIFICATIONS

Nominal Impedance, ohms	Ohm	50
3rd Order IM Product @ 2x20 Watts	dBc	-155 / -160 (typ.)
Maximum Frequency	GHz	2.8
VSWR, Return Loss	VSWR (dB)	0.0-1.0 GHz: 1.03 (36.6) >1.0-2.0 GHz: 1.06 (30.7) >2.0-2.8 GHz: 1.08 (28.3)

MECHANICAL SPECIFICATIONS

Length	mm (in)	91.2 (3.59)
Outer Diameter	mm (in)	59.5 (2.34)
Body Material		Brass / Plating: Tri Metal
Inner Contact Material		Copper / Plating: Silver
Inner Contact Attachment		Spring Finger / Plating: Silver

ACCESSORIES

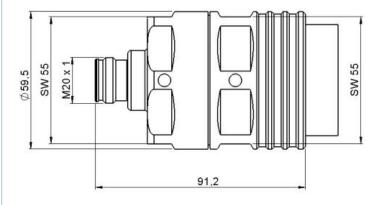
Wrench size front	mm (in)	SW 55 (2.16)
Wrench size rear	mm (in)	SW 55 (2.16)
Poly Hook Spanner	mm (in)	PHS60-90-5 Ø 60-90 (2.4-3.5)
Trimming Tool		TRIM-SET-R158-P02

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TESTING AND ENVIRONMENTAL

Waterproof Level		IP68
INSTALLATIONTEMPERATURECF	°C(°F)	-25 to 60 (-13 to 140)
STORAGETEMPERATURECF	°C (°F)	-70 to 85 (-94 to 185)
OPERATIONTEMPERATURECF	°C(°F)	-40 to 85 (-40 to 185)



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