

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

Feature / 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.
- RoHS (EU) and CRoHS (China) compliant i.e. can be used on a global basis

Technical features

GENERAL SPECIFICATIONS

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	

TESTING AND ENVIRONMENTAL

Waterproof Level	IP68	
Installation Temperature	-25°C to 60°C (-13°F to 140°F)	
Storage Temperature	-70°C to 85°C (-94°F to 185°F)	
Operation Temperature	-40°C to 85°C (-40°F to 185°F)	

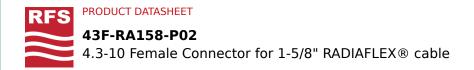
MECHANICAL SPECIFICATIONS

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

ELECTRICAL SPECIFICATIONS

Nominal Impedance	50 ohms		
3rd Order IM Product @ 2x20 Watts	-155 / -160 (typ.)		
Maximum Frequency	2.8 GHz		
Frequency Range	VSWR value	Return Loss value	
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	

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ACCESSORIES Trimming Tool TRIM-SET-R158-P02 $\ensuremath{\text{\textbf{Notes}}}$ In order to achieve the PIM specs. the use of the trimming tool is mandatory. External Document Links

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