

**716F-RA114-P02**

7-16 DIN Female Connector for 1-1/4" RADIAFLEX® cable



The P02 premium performance coaxial cable connectors are designed specifically to provide the highest quality 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 at any location, thereby allowing the operator flexibility while saving installation time and money.

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

Technical Features**STRUCTURE**

Cable Type	Radiating
Cable Size	1-1/4
Model Series	all RLF, RLK and RAY114-50A-Series
Connector Interface Size	7-16 DIN

MECHANICAL SPECIFICATIONS

Connector Length	81.4mm (3.2in)
Connector Outer Diameter	48.8mm (1.92in)

ELECTRICAL SPECIFICATIONS

Nominal Impedance	50 Ω	
Frequency Range	VSWR	Return Loss
0.0-1.0 GHz	1.03	36.6
>1.0-2.7 GHz	1.06	30.7
>2.7-3.7 GHz	1.08	28.3
>3.7-4.2 GHz	1.12	24.5

ACCESSORIES

Wrench Size Connector Front Part	SW 46mm (1.81in)
Wrench Size Connector Rear Part	SW 46mm (1.81in)
Trimming Tool	TRIM-SET-R114-P02

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



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Installation of Heat Shrink :
External Datasheet



Installation Instruction **-RA114-P02; **-RA158-P02
Installation Instructions