

7-16 DIN Male Connector for 7/8" RADIAFLEX® cable

These 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 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. They attach to prepared cable in one piece assuring error-free attachment. All connectors are fully tested for mechanical and electrical compliance specifications.



RADIAFLEX connector 716M-RA78-P02

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.

Technical Features

GENERAL SPECIFICATIONS

Transmission Line Type		Coaxial Cable
Cable Size		7/8"
Cable Type		Radiating
Model Series		all RLF, RLK, RLV and RAY-Series
Connector Interface		7-16 DIN
Connector Type		Straight
Sealing Method		Shrinking Sleeve
Gender		Male

ELECTRICAL SPECIFICATIONS

Nominal Impedance	Ohm	50
3rd Order IM Product @ 2x20 Watts	dBc	-155
Maximum Frequency	GHz	3.7

MECHANICAL SPECIFICATIONS

Weight	kg (lb)	0.25 (0.55)
Body Material		Brass / Plating: Tri Metal
Inner Contact Material		Copper / Plating: Silver
Inner Contact Attachment		Spring Finger / Plating: Silver
Outer Contact Attachment		Spring Loop / Plating: Silver

ACCESSORIES

Trimming Tool		TRIM-SET-R78-P02
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TESTING AND ENVIRONMENTAL

Waterproof Level		IP68
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External Document Links

Installation of Heat Shrink Sleeves
 Installation Instruction

Notes

- ➔ In order to achieve the PIM specs. the use of the trimming tool is mandatory.
- ➔ Operation Temperature: -40 to 70 °C (-40 to 158 °F)