

7-16 DIN Male Connector for 7/8" Coaxial Cable, RAPID FIT™ Sealing compound

RFS Technologies line of high 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 air dielectric coaxial cables. RFS Technologies connectors are fully tested for mechanical and electrical compliance specifications. They are available in all popular cable sizes in a variety of mating interfaces. The 7-16 connector is the most rugged RF connection meeting all requirements even under severe environmental conditions.

FEATURES / BENEFITS

- Excellent gas tightness, Overpressure for increased voltage handling is maintained throughout the system
- Robust Mechanical Design, Superior and consistent performance guarantees outstanding system characteristics.
- Extremely low reflection factor, Outstanding low reflection factor improves overall system performance and margin and reduces mismatch losses
- Totally Waterproof according to IP 68, Assures safe, long term operation in the harshest of environments. System tightness doesn't have to rely on overpressure from dehydration equipment.



Connector 7-16 plug CAF

Technical features

GENERAL	SPECIFI	ICATIONS
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Transmission Line Type	Coaxial Cable
Cable Size	7/8
Cable Type	Air Dielectric
Model Series	HCA78-50 Series
Connector Interface	7-16 DIN
Connector Type	RAPID FIT™
Sealing Method	Sealing compound ¹)
Gender	Male

MECHANICAL SPECIFICATIONS

Plating Outer/Inner		Silver/Silver
Length	mm (in)	74 (2.91)
Outer Diameter	mm (in)	39.5 (1.55)
Inner Contact Attachment		Spring Finger
Outer Contact Attachment		Threaded

ACCESSORIES

Wrench size front	mm (in)	36 (1-7/16)
Wrench size rear	mm (in)	32 (1-1/4)

TESTING AND ENVIRONMENTAL

Sealing Volume, cm3 (ounces)	cm³ (ounces)	5 (0.17)

External Document Links

Installation Instruction

Note

1) The sealing compound must be ordered separately.

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