

# 7-16 DIN Female Connector for 1-5/8" Coaxial Cable, Sealing compound

These 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 coaxial cables. RFS 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 socket CAF

External Document Links Installation Instruction

Notes

<sup>1</sup>) The sealing compound must be ordered separately.

## **Technical features**

#### **GENERAL SPECIFICATIONS**

Transmission Line Type	Coaxial Cable	
Cable Size	1-5/8"	
Cable Type	Air Dielectric	
Model Series	HCA158-50 Series	
Connector Interface	7-16 DIN	
Connector Type	RAPID FIT™	
Sealing Method	Sealing compound <sup>1</sup> )	
Gender	Female	

#### **MECHANICAL SPECIFICATIONS**

Plating Outer/Inner		Silver/Silver
Length	mm (in)	146 (5.75)
Outer Diameter	mm (in)	74 (2.91)
Weight	kg (lb)	1.5 (3.3)
Inner Contact Attachment		Spring Finger
Outer Contact Attachment		Threaded

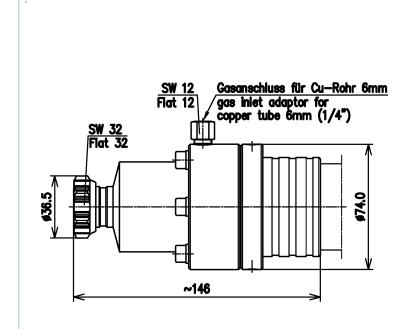
### **ACCESSORIES**

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

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