



## 7-16 DIN Male Connector for 1-5/8" Coaxial Cable, Gas Barrier Plast 2000 sealing

**Product Description**

Radio Frequency Systems' 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 HELIFLEX® 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.

Connector 7-16 plug CAF

**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 66/68**

Assures safe, long term operation in the harshest of environments. System tightness doesn't have to rely on overpressure from dehydration equipment.

**Technical Specifications**

Transmission Line Type	Coaxial Cable
Cable Size	1-5/8"
Cable Type	Air Dielectric
Mating Interface	7-16 DIN
Connector Type	Gas Barrier
Sealing Method	Plast 2000
Gender	Male
Plating Outer/Inner	Silver/Silver
Length, mm (in)	150 (5.91)
Outer Diameter, mm (in)	74 (2.91)
Weight, kg (lb)	1.67 (3.68)
Inner Contact Attachment	Threaded
Outer Contact Attachment	Tab Flare
Sealing Volume, cm3 (ounces)	20 (0.68)

**Notes**