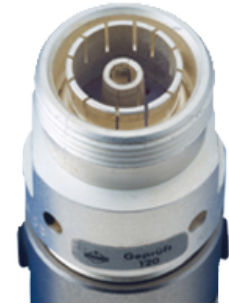




Radio Frequency Systems line of high performance coaxial cable connectors are designed specifically to provide the highest quality connector-cable interface while simplifying and speeding up the attachment of connectors to Air Dielectric Cable® coaxial cables. RFS connectors are fully tested for mechanical 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

1) The sealing compound must be ordered separately.

Technical features

GENERAL SPECIFICATIONS

Table with 3 columns: Specification Name, Unit, and Value. Rows include 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), and Gender (Female).

MECHANICAL SPECIFICATIONS

Table with 3 columns: Specification Name, Unit, and Value. Rows include Plating Outer/Inner (Silver/Silver), Length (72 (2.84)), Outer Diameter (39.5 (1.55)), Inner Contact Attachment (Spring Finger), and Outer Contact Attachment (Threaded).

ACCESSORIES

Table with 3 columns: Specification Name, Unit, and Value. Rows include Wrench size front (36 (1-7/16)) and Wrench size rear (32 (1-1/4)).

TESTING AND ENVIRONMENTAL

Table with 3 columns: Specification Name, Unit, and Value. Row includes Sealing Volume, cm3 (ounces) (5 (0.17)).