



1-5/8" EIA Connector for 1-5/8" Coaxial Cable, RAPID FIT™ 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 CELLFLEX®174 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. To join two cables with EIA connectors, two identical socket connectors are installed on either end of the cables to be joined, and a coupling element is used to make the connection of the center conductor. The coupling element must be ordered separately with the exception of the S-Line male versions that have a captivated coupling element. Connectors are available in sizes matching the nominal cable size. EIA connectors provide optimal power handling for the complete transmission line system.



Features/Benefits

- **Single-piece design for Fast and Easy Installation**
Reliable and simple attachment avoids unnecessary connector adjustments and provides outstanding performance every time. Saves time and provides cost savings.
- **Robust Mechanical Design**
Low and consistent intermodulation performance guarantees outstanding system sensitivity.
- **Excellent Electrical Performance**
Consistent and repeatable low VSWR 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.

Technical Features

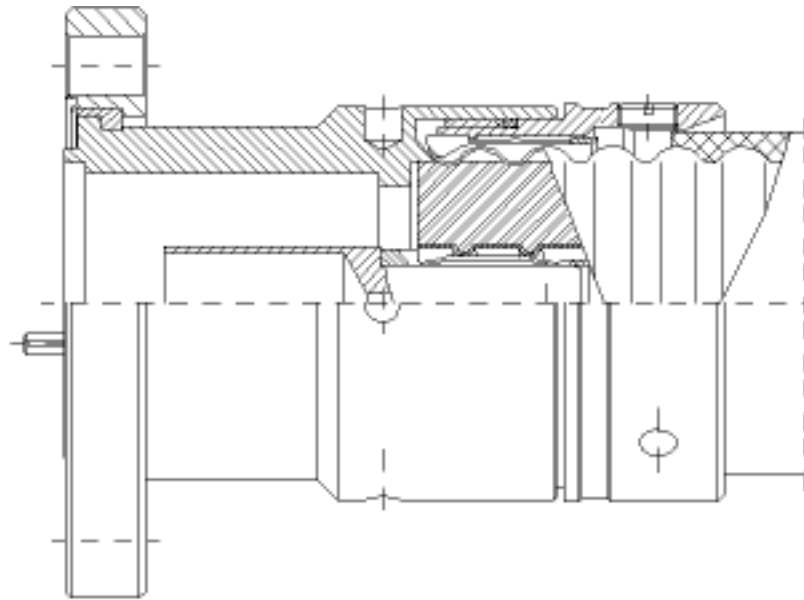
Transmission Line Type	Coaxial Cable
Cable Size	1-5/8"
Cable Type	Foam Dielectric
Mating Interface	1-5/8" EIA
Connector Type	RAPID FIT™
Sealing Method	Plast 2000
Gender	None
Plating Outer/Inner	Silver/Silver
Length, mm (in)	99.0 (3.9)

All information contained in the present datasheet is subject to confirmation at time of ordering.



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Outer Diameter, mm (in)	90.0 (3.6)
Weight, kg (lb)	1.18 (2.61)
Inner Contact Attachment	Spring Finger
Outer Contact Attachment	Spring Finger
3rd Order IM Product @ 2x20 Watts, dBc	<-156
Maximum Frequency, GHz	2,75
Trimming Tool	TRIM-Series-A
Waterproof level	IP66 and IP68
Sealing Volume, cm ³ (ounces)	20 (0.68)
Return Loss. min (VSWR. max). dB (VSWR) @ Max. Frequency	30.7 (1.06)



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