

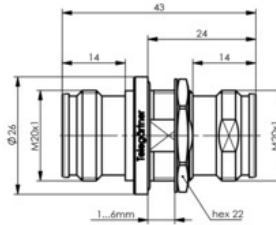
4.3-10 Bulkhead Adaptor

order number: J01442C0002

predecessor product: J01442A0002



Fig. may differ



4.3-10 Bulkhead Adaptor, f-f

Technical Attributes

Remarks	f-f, IP68
Mount. dim.	Z150

Description of the Series/Product Category

Notice: The following information refer to the series/product category as a whole. Please see the specific datasheet for specific technical information of a particular product.

The new, compact, installation-friendly 4.3-10 RF connectors have been specially developed to meet the ever increasing demands in mobile radio communication applications. The small size and low weight of these connectors do justice to the miniaturization of mobile radio network components. Despite their size, the connectors guarantee excellent return loss and passive intermodulation performance (PIM) levels. In addition, the new connector series is very variable, since one universal cable jack is suitable for mating with 3 different cable plug designs. All of the 4.3-10 connectors meet the requirements of IP68 and, because of the excellent properties of materials used, are suitable for temperatures ranging from -40° C up to +85° C. Customized connector designs for use at higher temperatures are also possible on demand .

Mechanical Characteristics

Durability (Matings)	≥ 100
Finish: Inner conductor	Cu2Ag5
Material: spring contacts	CuBe2, Copper Alloy
Material: outer conductor	CuZn39Pb3
Recommended coupling torque	5 Nm
Finish: Outer conductor	CuSnZn3, Ag2CuSnZn0.5 (Optargen), Cu2Ag3
Finish: Other metal parts	CuSnZn3 (Telealloy), Ni
Material: other metal parts	CuZn39Pb3
Material: insulators	PTFE
Material: gaskets	Silicone

Climatic Characteristics

Climatic category acc. to IEC 60068 - 1	55/155/56
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Electrical Characteristics

Contact resistance inner conductor	≤ 1 mΩ
Contact resistance outer conductor	≤ 1 mΩ
Insulation resistance	≥ 5 GΩ
Voltage proof	2.5 kVeff @ 50 Hz
Impedance	50 Ω
Passive intermodulation	-166 dBc @ 2 x 43 dBm
Return loss	38 dB/1 GHz bzw. 32 dB/2.5 GHz
Working voltage	≤ 1.8 kVeff/50 Hz
Power	≤ 500 W /2 GHz
Frequency range up to	6 GHz

Standards

IEC 61 169-54