

# Telegärtner 7-16 Bulkhead Adaptor Female to Female Ag/Ag IP 68

SKU: ACC-TG-00034

MPN: 100024557

## Description

The Telegärtner 7-16 Bulkhead Adaptor, model ACC-TG-00034, offers reliable connectivity in RF applications, featuring a female-to-female configuration. Crafted with a Lead-Brass Alloy body and Copper-Silver alloy plating, this adapter ensures durability and optimal signal integrity. The inner contacts, made from Beryllium-Copper-Lead with Silver plating, complement its robust design. It employs PTFE/Teflon as the electrical insulator, enhancing its resilience.

Designed for high-performance, the adapter supports an operating frequency from 0 to 6 GHz with an input impedance of  $50\ \Omega$ . It maintains a low passive intermodulation (PIM) level of  $\leq -160\ \text{dBc}$ , crucial for maintaining signal clarity in demanding environments. The product is rated for over 500 mating cycles, ensuring long-term usability.

The adapter complies with RoHS standards and meets the IEC 60529: IP68 mechanical protection code, making it suitable for use in harsh conditions...

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# RF Connector Interface

RF Interface	Body Shape	Mounting
7/16 DIN Female	Straight	Bulkhead
7/16 DIN Female	Straight	Bulkhead

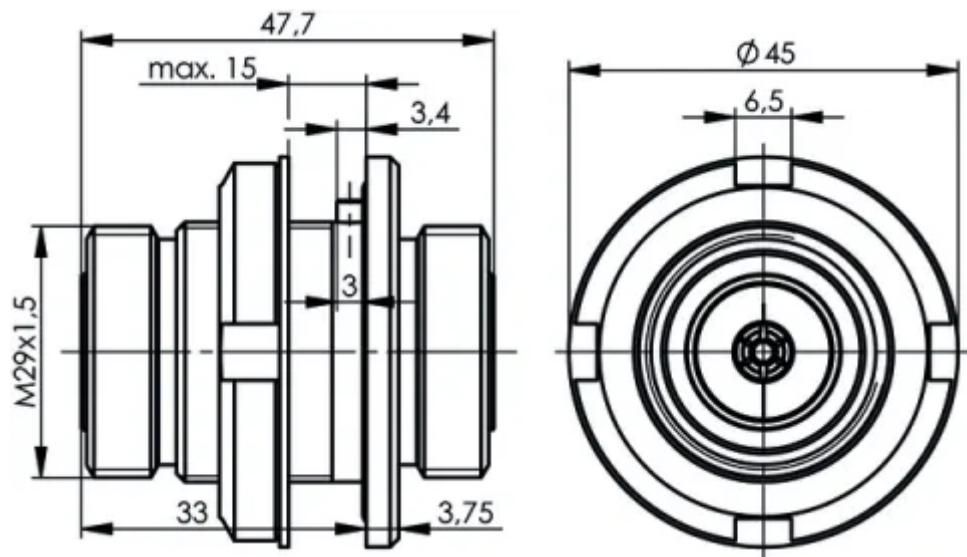
## RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz		
PIM, 3rd Order:	≤ -160 dBc		

## Physical Specification

Body Material:	Lead-Brass Alloy (CuZn39Pb3)	Contact Material:	Beryllium-Copper-Lead (CuBe2Pb)
Body Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)	Contact Plating:	Silver
Insulator Material:	PTFE / Teflon	Mating Cycles:	> 500
Dimensions:	47.7 x 45	Mechanical Compliance:	IEC 60529: IP Code
Compliance/Certifications:	RoHS		

## Drawing



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