

Page



Powertec Wireless Technology  
ABN: 42 082 948 463  
PO Box 1034, Ashmore City  
Queensland, Australia, 4214  
sales@powertec.com.au  
1300 769 378

## **Telegartner 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  $\leq -160$  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...

[Read More](#)



## Telegärtner

As family-owned company the Telegärtner Group has developed to an international network of affiliated companies specialising in intermediate and end products for telecommunications and data communications for customers with the most exacting demands for high-tech applications over the last 70 years.

Since the company was set up in 1945 Telegärtner has seen steady growth and has continually expanded ...

## **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

Stop Frequency

6 GHz

PIM, 3rd Order

≤ -160 dBc

Input Impedance

50 Ω

## **Physical Specification**

Body Material

[Lead-Brass Alloy \(CuZn39Pb3\)](#)

Body Plating

[Copper-Silver Alloy \(Cu2Ag5 / Cu2Ag3\)](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

47.7 x 45

Compliance/Certifications

[RoHS](#)

Contact Material

[Beryllium-Copper-Lead \(CuBe2Pb\)](#)

Contact Plating

[Silver](#)

Mating Cycles

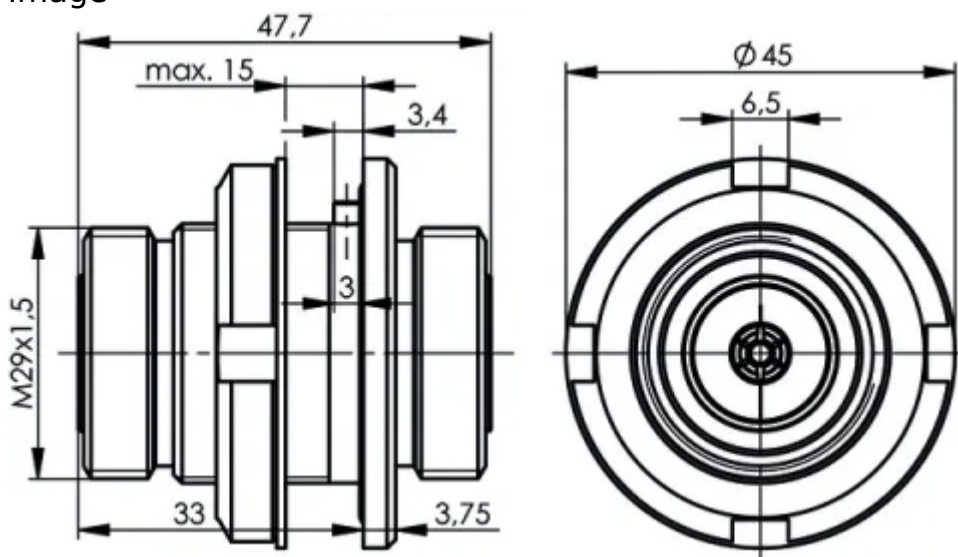
> 500

Mechanical Compliance

[IEC 60529: IP Code](#)

Drawing

Image



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE

INFORMATION.

