

# SMB Plug 50 Ohm Coax Connector Crimp Attachment for RG316-DS, RG188-DS



## **RF Connectors Technical Data Sheet**

**MTCN0032** 

# Configuration

- SMB Plug Connector
- MIL-STD-348A
- 50 Ohms

- Straight Body Geometry
- RG316-DS, RG188-DS Interface Type
- Crimp/Solder Attachment

# **Applications**

· General Purpose Test

Custom Cable Assemblies

#### **Description**

MilesTek RF SMB connector will ship the same day as purchased from our broad selection of military, aerospace and industrial radio frequency components. Our SMB connector terminates to a coax interface which includes RG316-DS and RG188-DS. This SMB connector for coax has a 50 Ohm impedance and is just one part of our large, in-stock inventory.

Part number MTCN0032 SMB connector from MilesTek is a plug gender (also known as male). This RF connector from MilesTek has a 4 GHz maximum frequency. Our 4 GHz SMB connector maximum frequency applies to RG316-DS and RG188-DS interfaces but may vary between them. Our radio frequency SMB plug (male) crimp/solder connector is in-stock and does ship same-day.

# **Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC	- 0	4	GHz
Operating Voltage (AC)		/ .0	335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	/ .63				GHz
VSWR, Max	1.37:1					

### **Mechanical Specifications**

Size

 Length
 0.91 in [23.11 mm]

 Width/Dia.
 0.256 in [6.50 mm]

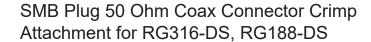
 Weight
 0.008 lbs [3.63 g]

#### **Material Specifications**

Description	Material	Plating
Contact	Beryllium Copper	Gold
		30µ in. minimum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMB Plug 50 Ohm Coax Connector Crimp Attachment for RG316-DS, RG188-DS MTCN0032







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Insulation	Teflon	
Body	Brass	Nickel 100µ in. minimum
		4

**Environmental Specifications** 

**Temperature** 

Operating Range

-65 to 165 deg C

Compliance Certifications (see product page for current document)

#### **Plotted and Other Data**

Notes:

Our offering, used primarily in military, R&D and production applications, consists of a comprehensive line of MIL-STD-1553B data bus couplers, harnesses and cable assemblies, connectors and connector termination systems. MilesTek also offers expertise in manufacturing custom cable assemblies and harnesses.

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URL:

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. MilesTek reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. MilesTek does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and MilesTek does not assume any liability arising out of the use of any part or documentation.

