EZ Form BMA Connectors
High Frequency Slide On Connectors

- Meets or Exceeds the Requirements of MIL-PRF-31031
- Interfaces per MIL-STD-348
- Rugged construction for durability
- Excellent VSWR and Attenuation
- Small quantities typically available from Stock for Prototyping.
- Fully compatible with the OSP Connector Series

Bulkhead Mount Plug for .086 Dia. Semi-Rigid

Part Number
701921-086

Bulkhead Mount Plug for .141 Dia. Semi-Rigid

Part Number
701921-141

EZ Form Cable Corporation
285 Welton Street, Hamden, CT 06517
Tel: (203) 785-2815 Fax: (203) 785-0466
www.ezform.com
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Panel Mount Jack for .086 Dia. Semi-Rigid
Part Number
701947-086

Panel Mount Jack for .141 Dia. Semi-Rigid
Part Number
701947-141

Right Angle Bulkhead Mount Plug for .086 Dia. Semi-Rigid
Part Number
701500-086

Panel Mount Jack Receptacle
Part Number
701505-001

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Printed Circuit Board Plug Receptacle
Part Number
701503-001

BMA Plug to SMA Jack Bulkhead Mount Adapter
Part Number
701920-001

BMA Jack to SMA Jack Panel Mount Adapter
Part Number
701504-001

Mechanical Specifications-
Inner Contact (Plug): Brass ½ Hard per ASTM-B-16
Inner Contact (Jack): Be Cu per ASTM-B-196
Outer Contact (Jack): Be Cu per ASTM B-196
Dielectric: Teflon per ASTM-D-1710
Outer Body (Plug): Brass 1/2 Hard per ASTM-B-16
Outer Body (Jack): St. Steel 303 per ASTM-A-582
Jam Nut: ): Brass ½ Hard per ASTM-B-16
O-Ring: Silicone per ZZ-R-765
Finishes- All Contacts:
Gold Plate per MIL-G-45204
Gold Plate per MIL-G-45204 or Passivate per QQ-P-35

Electrical Specifications-
Impedance: 50 Ohms
Frequency: DC to 18 GHz
Temp. Rating: -65 to 125 deg. C
DVV: (141) 1500 VRMS
(.086) 1000 VRMS
Insulation Resistance: 5000 Megohms min.
VSWR: From .5 to 18 GHz, or approx. 80% of upper cutoff frequency of the cable, whichever is lower
.085 dia. 1.05 +.005 F (GHz)
.141 dia. 1.02 +.005 F (GHz)
Insertion Loss: .03v/Frequency (GHz) dB max. from 9 to 12.4 GHz

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