



SMA Male to N Female Bulkhead Precision Cable  
 36 Inch Length Using 150 Series Coax, RoHS

TECHNICAL DATA SHEET

PE35954-36

**SMA Male to N Female Bulkhead Precision Cable 36 Inch Length Using 150 Series Coax, RoHS**

**Configuration**

Connector 1	SMA Male
Connector 2	N Female Bulkhead
Cable Type	150 Series

**Electrical Specifications**

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum VSWR	1.4:1
Velocity of Propagation, %	69.5
RF Shielding, dB	90
Maximum Operating Voltage, Vrms	1,900

Electrical Specification Notes: Short lengths up to 24" long may exhibit VSWR measurements up to 9% higher.

**Mechanical Specifications**

**Cable Assembly**

Cable Type	150 Series
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**Temperature**

Temperature Operating Range, deg C	-50 to +205
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**Size**

Length, in [mm]	36 [914.4]
One Time Minimum Bend Radius, in [mm]	1 [25.4]

**Cable**

Center Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter, in [mm]	0.15 [3.81]

**Connector 1**

Type	SMA Male
Configuration	Straight
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to N Female Bulkhead Precision Cable 36 Inch Length Using 150 Series Coax, RoHS PE35954-36](#)

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.





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Body Material and Plating  
 Dielectric Type

Passivated Stainless Steel  
 PTFE

**Connector 2**

Type  
 Configuration  
 Mount Method  
 Inner Conductor Material and Plating  
 Body Material and Plating  
 Dielectric Type

N Female Bulkhead  
 Straight  
 Bulkhead  
 Gold  
 Brass, Nickel  
 PTFE

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

SMA Male to N Female Bulkhead Precision Cable 36 Inch Length Using 150 Series Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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