

SMA Male to SMA Female Cable 36 Inch Length Using RG316 Coax



RF Cable Assemblies Technical Data Sheet

PE3832-36

Configuration

Connector 1: SMA MaleConnector 2: SMA FemaleCable Type: RG316

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.5:1	
Capacitance	V	32 [104.99]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	3	GHz
Insertion Loss (Typ.)	0.53	0.68	0.915	1.34	1.94	dB

Mechanical Specifications

Cable Assembly

 Length*
 36 in [914.4 mm]

 Diameter
 0.312 in [7.92 mm]

 Weight
 0.048 lbs [21.77 g]

Cable

Cable TypeRG316Impedance50 OhmsInner Conductor TypeStranded

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type PTFE
Number of Shields 1

Shield Layer 1 Silver Plated Copper Braid

Jacket Material FEP, Tan

Jacket Diameter 0.098 in [2.49 mm]

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 SMA Female Cable 36 Inch Length Using RG316 Coax PE3832-36





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Connectors

Description	Connector 1	Connector 2		
Туре	SMA Male	SMA Female		
Specification	MIL-STD-348A	MIL-STD-348		
Impedance	50 Ohms	50 Ohms		
Mating Cycles		100		
Contact Material and Plating	Brass, Gold	Beryllium Copper, Gold		
Contact Plating Specification	30μ in. Minimum			
Dielectric Type	PTFE	Teflon		
Body Material and Plating	Brass, Nickel	Brass, Nickel		
Body Plating Specification	100μ in. Minimum			
Coupling Nut Material and Plating	Brass, Nickel			
Coupling Nut Plating Specification	100μ in. Minimum			
Hex Size	5/16 in			
Torque	5 in-lbs [0.57 Nm]			

Mechanical Specification Notes:

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

• Values at 25°C, sea level.

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^{*}All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



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How to Order



Example: PE3832-12 = 12 inches long cable

PE3832-100cm = 100 cm long cable

SMA Male to SMA Female Cable 36 Inch Length Using RG316 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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 SMA Female Cable 36 Inch Length Using RG316 Coax PE3832-36

URL: https://www.pasternack.com/sma-male-sma-female-rg316u-cable-assembly-pe3832-36-p.aspx

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PE3832-36 CAD DrawingSMA Male to SMA Female Cable 36 Inch Length Using RG316 Coax

