

SMB Plug to BNC Male Cable 12 Inch Length Using ET-RG188 Coa

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RF Cable Assemblies Technical Data Sheet

ET30944

Configuration

Connector 1: SMB Plug
Connector 2: BNC Male
Cable Type: ET-RG188

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.4:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	3	GHz
Insertion Loss (Max.)	0.25	0.33				dB
Insertion Loss (Typ.)	0.25	0.325				dB
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	
Return Loss (Max.)	15.56	15.563	15.563	15.563	15.563	dB

Mechanical Specifications

Cable Assembly

Length* 12 in [304.8 mm]
Diameter 0.57 in [14.48 mm]

Cable

Cable TypeET-RG188Impedance50 OhmsInner Conductor TypeStrandedInner Conductor Material and PlatingCopper Clad Steel, Silver

Dielectric Type

Number of Shields

1

Shield Layer 1
Silver Plated Copper Braid

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMB Plug to BNC Male Cable 12 Inch Length Using ET-RG188 Coax ET30944



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Jacket Material Jacket Diameter PTFE, White 0.11 in [2.79 mm]

Connectors

Description	Connector 1	Connector 2 BNC Male	
Туре	SMB Plug		
Specification	MIL-STD-348A	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Beryllium Copper, Gold	Brass, Gold	
Contact Plating Specification	30 µin minimum	50μ in. minimum	
Dielectric Type	PTFE	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Body Plating Specification	100 μin minimum	100μ in. minimum	
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel	
Coupling Nut Plating Specification	100 μin minimum	100μ in. minimum	

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: ET30944 = 12 inches long cable

ET3C3428-100cm = 100 cm long cable

SMB Plug to BNC Male Cable 12 Inch Length Using ET-RG188 Coax from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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
URL: https://www.ebeestock.com/smb-plug-to-bnc-male-cable-12-inch-length-using-rg188-coax-00309

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ET30944 CAD Drawing

SMB Plug to BNC Male Cable 12 Inch Length Using ET-RG188 Coax



ET30944 REV 1.0