

SMA Male to SMB Plug Cable 48 Inch Length Using ET-ET-RG142 Coax, RoHS



## TECHNICAL DATA SHEET

ET31021

## Configuration

Connector 1
Connector 2
SMA Male
SMB Plug
Cable Type
ET-RG142

# Electrical Specifications

Frequency Range
Impedance
So Ohms
Maximum VSWR
Velocity of Propagation
RF Shielding
DC to 4 GHz
50 Ohms
1.4:1
69.2 %
90 dB

# Mechanical Specifications

#### Temperature

Temperature Operating Range -65 to +165 deg C

#### Size

Length 48 in [121.92 cm]
Weight 0.065 lbs [29.48 g]

Cable Color Tai

One Time Minimum Bend Radius

0.984 in [24.99 mm]

Repeated Minimum Bend Radius

2 in [50.8 mm]

#### Cable

Cable Type

Inner Conductor Type

Solid

Cable Inner Conductor

Copper Clad Steel, Silver

No of Shields
Dielectric Type
Jacket Material

PTFE
FEP

Jacket Diameter 0.195 in [4.95 mm]

#### Connector 1

Type
Connector 1 Specification
Configuration
Configuration
Inner Conductor Material and Plating
Inner Conductor Plating Specification
SMA Male
MIL-STD-348A
Straight
Brass, Gold
50µ in. minimum

Hex Size 5/16 in

Torque 5 in-lbs [0.57 Nm]
Body Material and Plating Brass, Nickel
Body Plating Specification 100µ in. minimum

Dielectric Type Teflon

### Connector 2

Type SMB Plug

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 SMB Plug Cable 48 Inch Length Using ET-RG142 Coax, RoHS ET31021

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Connector 2 Specification
Configuration
Inner Conductor Plating Specification
Coupling Nut Plating Specification
Body Material and Plating
Body Plating Specification

MIL-STD-348A
Straight
30µ in. minimum
100µ in. minimum
Brass, Nickel
100µ in. minimum

Compliance Certifications (visit for current document) RoHS Compliant

Yes

REACH Compliant

12/19/2011

#### Plotted and Other Data

Notes:

Values at +25 °C, sea level

SMA Male to SMB Plug Cable 48 Inch Length Using ET-RG142 Coax, RoHS from Ebeestock 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.

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**URL:** https://www.ebeestock.com/sma-male-to-smb-plug-cable-6-inch-length-using-rg142-coax-rohs-0 031016

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# ET31021 CAD Drawing

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