



SSMB Plug to BNC Male Cable Using RG174 Coax

RF Cable Assemblies Technical Data Sheet

PE3C3390

Configuration

- Connector 1: SSMB Plug
- Connector 2: BNC Male
- Cable Type: RG174

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		31.1 [102.03]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Max.)	1.04	1.08	1.14	1.21	1.32	dB/ft
	3.41	3.54	3.74	3.97	4.33	dB/m
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	dB/m
Return Loss (Max.)	15.56	15.563	15.563	15.563	15.563	dB

Mechanical Specifications**Cable Assembly**

Diameter 0.57 in [14.48 mm]

Cable

Cable Type	RG174
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PE (LD)
Number of Shields	1
Shield Layer 1	Tinned Copper Braid

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMB Plug to BNC Male Cable Using RG174 Coax PE3C3390](#)



SSMB Plug to BNC Male Cable Using RG174 Coax

RF Cable Assemblies Technical Data Sheet

PE3C3390

Jacket Material PVC, Black
Jacket Diameter 0.11 in [2.79 mm]

Connectors

Description	Connector 1	Connector 2
Type	SSMB Plug	BNC Male
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
Outer Conductor Material and Plating	Beryllium Copper, Gold	
Outer Conductor Plating Specification	30 µin minimum	
Body Material and Plating	Brass, Gold	Brass, Nickel
Body Plating Specification	30 µin minimum	100µ in. minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100µ in. minimum

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8$ ", whichever is greater.

Environmental Specifications

Temperature

Operating Range -40 to +80 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMB Plug to BNC Male Cable Using RG174 Coax PE3C3390](#)



SSMB Plug to BNC Male Cable Using RG174 Coax

RF Cable Assemblies Technical Data Sheet

PE3C3390

How to Order

Part Number Configuration:

PE3C3390

- **xx**

uu

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE3C3390-12 = 12 inches long cable
PE3C3390-100cm = 100 cm long cable

SSMB Plug to BNC Male Cable Using RG174 Coax from Pasternack 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.

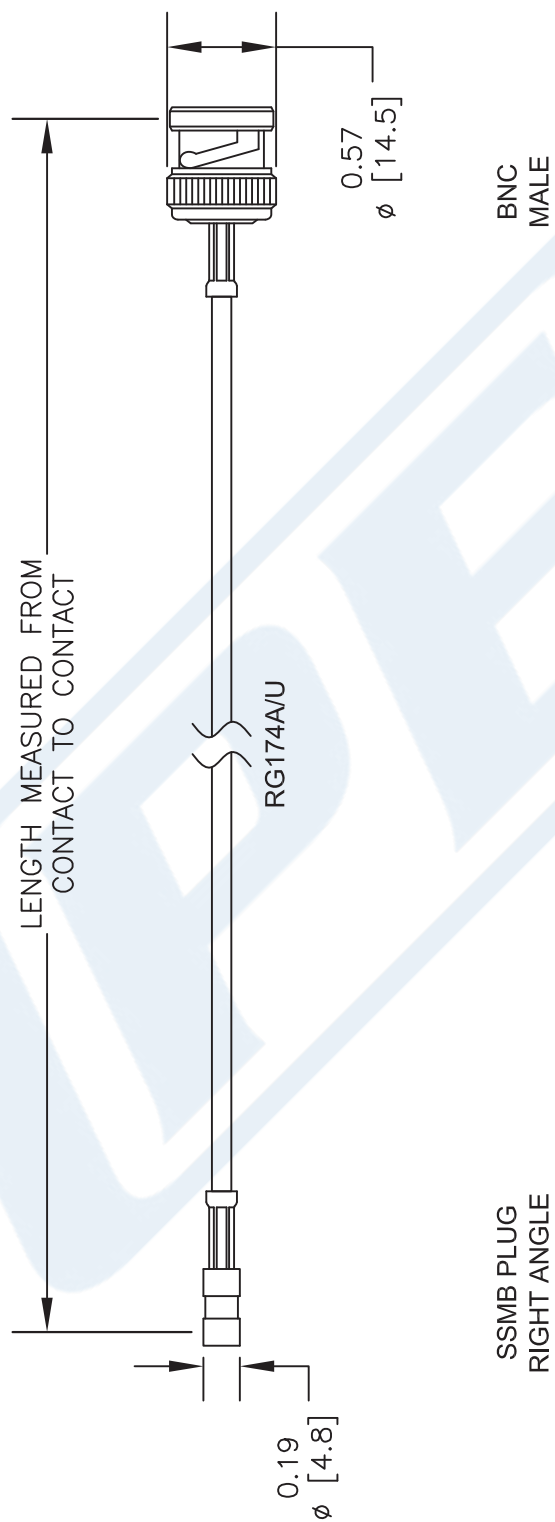
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMB Plug to BNC Male Cable Using RG174 Coax PE3C3390](https://www.pasternack.com/ssmb-plug-bnc-male-rg174au-cable-assembly-pe3c3390-p.aspx)

URL: <https://www.pasternack.com/ssmb-plug-bnc-male-rg174au-cable-assembly-pe3c3390-p.aspx>

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE3C3390 CAD Drawing

SSMB Plug to BNC Male Cable Using RG174 Coax



DWG TITLE PE3C3390	NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].		
	CAGE CODE	53919	
CAD FILE		110316	SCALE N/A
SIZE A			2233

PE

PASTERNAK®

THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.

P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: www.pasternack.com | E-Mail: sales@pasternack.com