



SMA Male to BNC Male Cable 12 Inch Length Using LMR-195 Coax

TECHNICAL DATA SHEET

PE3C0051-12

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Configuration

Connector 1	SMA Male
Connector 1 Specification	MIL-STD-348A
Connector 2	BNC Male
Connector 2 Specification	MIL-STD-348A
Cable Type	LMR-195
Impedance, Ohms	50

Mechanical Specifications

Cable Assembly

Cable Type	LMR-195
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Temperature

Temperature Operating Range, deg C	-40 to +85
Temperature Storage Range, deg C	-70 to +85

Size

Length, in [mm]	12 [304.8]
Diameter, in [mm]	0.571 [14.5]
Weight, lbs [g]	0.062 [28.12]
Cable Color	Black
One Time Minimum Bend Radius, in [mm]	0.5 [12.7]
Repeated Minimum Bend Radius, in [mm]	2 [50.8]

Cable

No of Shields	2
Dielectric Type	PE (F)
Jacket Material	PE
Jacket Diameter, in [mm]	0.195 [4.95]

Connector 1

Type	SMA Male
Configuration	Straight
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	50µ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100µ in. minimum
Hex Size, in	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

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 BNC Male Cable 12 Inch Length Using LMR-195 Coax PE3C0051-12](#)

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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Connector 2

Type	BNC Male
Configuration	Straight
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	30μ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100μ in. minimum
Dielectric Type	Teflon

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

Notes:

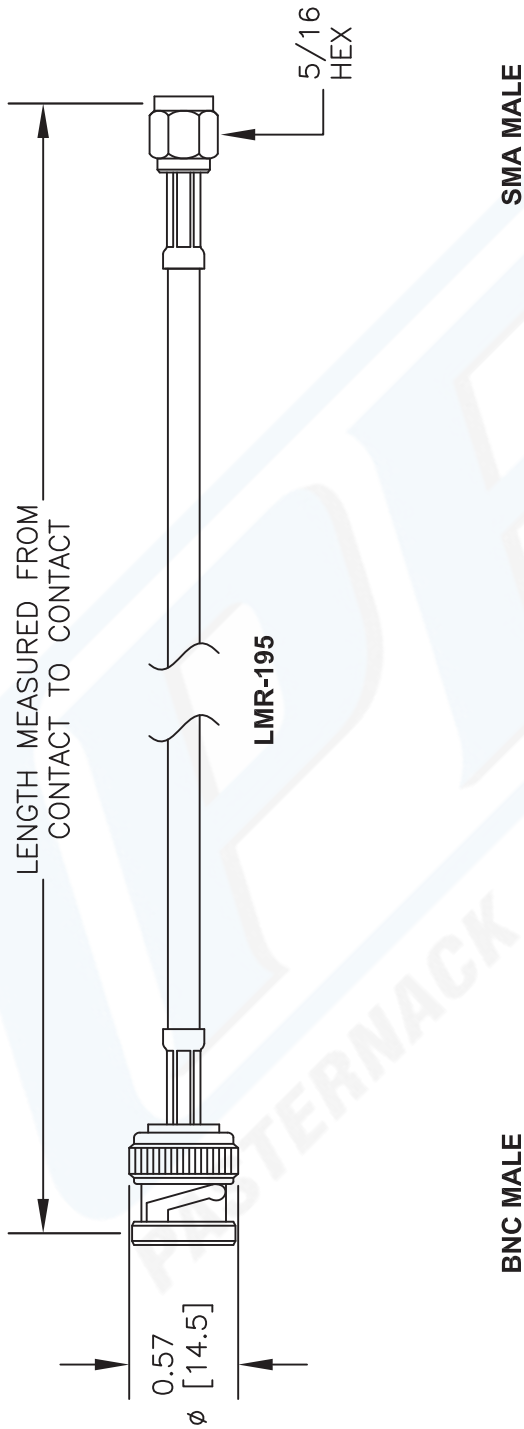
Values at 25 °C, sea level

SMA Male to BNC Male Cable 12 Inch Length Using LMR-195 Coax 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.

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 BNC Male Cable 12 Inch Length Using LMR-195 Coax PE3C0051-12](http://www.pasternack.com/sma-male-bnc-male-lmr195-cable-assembly-pe3c0051-12-p.aspx)

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How To Order				Part # Ext.		Length In Inches		Part # Ext.		Length In Centimeters	
Part Number Configuration				Examples							
PE3 zzz yy - xx uu						12"		-12		25Cm	
				PE3000LF-100		24"		-24		50Cm	
				PE3000-100		36"		-36		75Cm	
				PE3000LF-100CM		48"		-48		100Cm	
				PE3000-100CM		60"		-60		125Cm	
00 - 99999						Custom Length		-xx		Custom Length	
LF = RoHS Compliant < Blank > = Standard											
Note: LF applies only to RF cables											
				DWG TITLE				NOTES:			
				PE3C0051				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].			
								4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.			
				FSCM NO. 53919		CAD FILE 020513		SCALE N/A		SIZE A	
										2233	

PE

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