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SMA Male to SMA Male Precision Cable 18 Inch Length Using 165 Series Coax, RoHS

TECHNICAL DATA SHEET PE3790-18

SMA Male to SMA Male Precision Cable 18 Inch Length Using 165 Series Coax, RoHS

Configuration

Connector 1	SMA Male
Connector 2	SMA Male
Cable Type	165 Series

Electrical Specifications

Frequency Range, GHz	DC to 26
Impedance, Ohms	50
Maximum VSWR	1.4:1
Velocity of Propagation, %	69.5
RF Shielding, dB	90
Maximum Operating Voltage, Vrms	1,900
Electrical Specification Notes:	Short lengths up to 24” long may exhibit VSWR measurements up to 9% higher.

Mechanical Specifications

Cable Assembly

Cable Type	165 Series

Temperature

Temperature Operating Range, deg C	-50 to +205

Size

Length, in [mm]	18 [457.2]
One Time Minimum Bend Radius, in [mm]	1 [25.4]

Cable

Center Conductor Type	Solid
Cable Inner Conductor	Beryllium Copper, Silver
No of Shields	3
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter, in [mm]	0.165 [4.19]

Connector 1

Type	SMA Male
Configuration	Straight
Inner Conductor Material and Plating	Beryllium Copper, Silver
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]

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 Male Precision Cable 18 Inch Length Using 165 Series Coax, RoHS PE3790-18

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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PTFE

Connector 2

Type	SMA Male
Configuration	Straight
Inner Conductor Material and Plating	Beryllium Copper, Silver
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PTFE

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

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

SMA Male to SMA Male Precision Cable 18 Inch Length Using 165 Series Coax, RoHS 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 SMA Male Precision Cable 18 Inch Length Using 165 Series Coax, RoHS PE3790-18

URL: http://www.pasternack.com/sma-male-sma-male-165-non-magnetic-series-cable-assembly-pe3790-18-p.aspx

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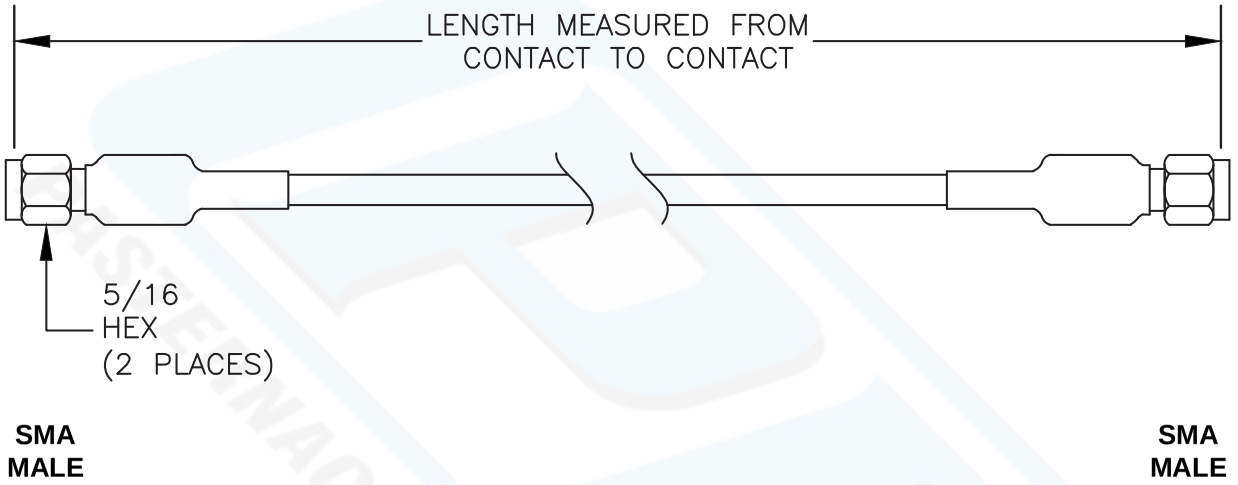
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PE3790-18 CAD Drawing

SMA Male to SMA Male Precision Cable 18 Inch Length Using 165 Series Coax, RoHS



How To Order

Part Number Configuration

PE3 [zzz] [yy] - [xx] [uu]

- zzz: 00 - 99999
- yy: LF = Lead Free; < Blank > = Standard
- xx: Length
- uu: CM = Centimeters; < Blank > = Inches

Note: LF applies only to RF cables

Examples

- PE3000LF-100
- PE3000-100
- PE3000LF-100CM
- PE3000-100CM

Part # Ext.	Length In Inches
-12	12"
-24	24"
-36	36"
-48	48"
-60	60"
-xx	Custom Length

Part # Ext.	Length In Centimeters
-25CM	25Cm
-50CM	50Cm
-75CM	75Cm
-100CM	100Cm
-125CM	125Cm
-xxCM	Custom Length

Components	Impedance
SMA MALE	50 OHM
SMA MALE	50 OHM
PE-LL165P	50 OHM
3-	-

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DWG TITLE **PE3790**

DES. 26.5 GHZ FLEXIBLE CABLE ASSEMBLY, PE-LL165P, SMA MALE TO SMA MALE (NONE MAGNETIC)

REV. A	FSCM NO. 53919	CAD FILE 052312	SCALE N/A	SIZE A	2233

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].
4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.