

TNC Male Right Angle to SMA Male Right Angle Cable Using PE-P160LL Coax , LF Solder



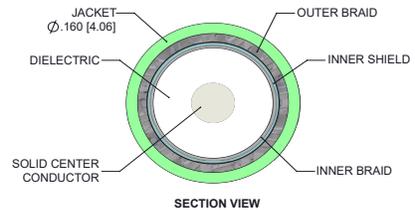
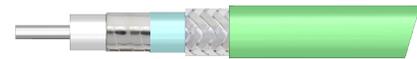
PE3C5262LF

Configuration

- Connector 1: TNC Male Right Angle
- Connector 2: SMA Male Right Angle
- Cable Type: PE-P160LL
- Coax Flex Type: Flexible

Features

- Max Frequency 18 GHz
- 82.5% Phase Velocity
- Triple Shielded
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C5262LF TNC male right angle to SMA male right angle cable using PE-P160LL coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack TNC to SMA cable assembly has a male to male gender configuration with 50 ohm flexible PE-P160LL coax. The PE3C5262LF TNC male to SMA male cable assembly operates to 18 GHz. The right angle TNC and right angle SMA interfaces on the PE-P160LL cable allow for easier connections in tight spaces. The triple shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.5:1	
Velocity of Propagation		82.5		%
Capacitance		25 [82.02]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2	4.5	9	18	GHz
Insertion Loss (Max.)	1.099996	1.143	1.2175	1.3134	1.46	dB/ft
	3.61	3.75	3.99	4.31	4.79	dB/m

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Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
VSWR (Max.)	1.5:1	1.5:1	1.5:1	1.5:1		
Return Loss (Max.)	16.63	16.625	16.625	16.625	16.625	dB

Mechanical Specifications

Cable Assembly

Weight 0.113 lbs [51.26 g]

Cable

Cable Type PE-P160LL
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper, Silver
 Dielectric Type PTFE
 Number of Shields 3
 Shield Layer 1 Silver Plated Copper
 Shield Layer 2 Aluminum Polyester
 Shield Layer 3 Silver Plated Copper
 Jacket Material FEP, Green
 Jacket Diameter 0.16 in [4.06 mm]
 Repeated Minimum Bend Radius 0.8 in [20.32 mm]

Connectors

Description	Connector 1	Connector 2
Type	TNC Male Right Angle	SMA Male Right Angle
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Right Angle
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	ASTM-B488	ASTM-B488
Dielectric Type	PTFE	PTFE
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel

Environmental Specifications

Operating Range Temperature -55 to +165 deg C

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

Plotted and Other Data

Notes:

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Typical Performance Data

How to Order

Part Number Configuration:

PE3C5262LF - xx uu



Example: PE3C5262LF-12 = 12 inches long cable
PE3C5262LF-100cm = 100 cm long cable

TNC Male Right Angle to SMA Male Right Angle Cable Using PE-P160LL Coax , LF Solder 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: [TNC Male Right Angle to SMA Male Right Angle Cable Using PE-P160LL Coax , LF Solder PE3C5262LF](#)

URL: <https://www.pasternack.com/tnc-male-sma-male-pe-p160ll-cable-assembly-pe3c5262lf-p.aspx>

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