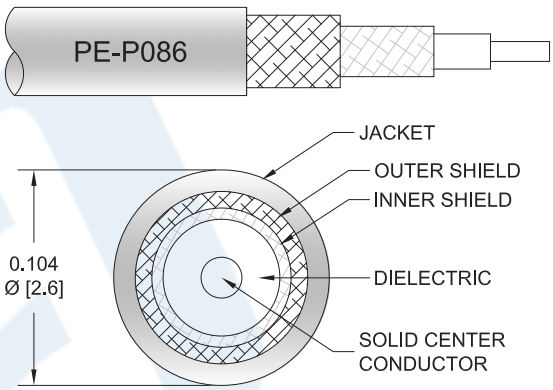
PASTERNACK
THE ENGINEER'S RF SOURCE

1.85mm Male to 1.85mm Male Cable Using PE-P086 Coax, LF Solder, RoHS

RF Cable Assemblies Technical Data Sheet PE3C0752LF

Configuration

- Connector 1: 1.85mm Male
- Connector 2: 1.85mm Male
- Cable Type: PE-P086



Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		50	GHz
VSWR			1.4:1	
Velocity of Propagation		69.5		%
RF Shielding	110			dB
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	3	5	10	18	GHz
Insertion Loss (Typ.)	0.237	0.439	0.582	0.864	1.138	dB/m
	0.78	1.44	1.91	2.83	3.73	dB/ft
						dB/m
VSWR (Max.)	1.3:1	1.3:1	1.3:1	1.4:1	1.4:1	

Electrical Specification Notes:
Insertion Loss does not include the loss of the connectors, insertion loss is estimated as .1dB per connector

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.85mm Male to 1.85mm Male Cable Using PE-P086 Coax, LF Solder, RoHS PE3C0752LF

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

PASTERNACK®
THE ENGINEER'S RF SOURCE

1.85mm Male to 1.85mm Male Cable Using PE-P086 Coax, LF Solder, RoHS

Mechanical Specifications

Cable Assembly

Diameter	0.375 in [9.53 mm]
Weight	0.034 lbs [15.42 g]

Cable

Cable Type	PE-P086
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Tape
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Blue
Jacket Diameter	0.1 in [2.54 mm]
One Time Minimum Bend Radius	0.4 in [10.16 mm]
Repeated Minimum Bend Radius	1.57 in [39.88 mm]

Connectors

Description	Connector 1	Connector 2
Type	1.85mm Male	1.85mm Male
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	Noryl	Noryl
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Hex Size	5/16 Inch	5/16 Inch
Torque	8 in-lbs [0.9 Nm]	8 in-lbs [0.9 Nm]

Mechanical Specification Notes:
*All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.

Environmental Specifications

Temperature

Operating Range	-55 to +200 deg C

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.85mm Male to 1.85mm Male Cable Using PE-P086 Coax, LF Solder, RoHS PE3C0752LF

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

PASTERNACK®
THE ENGINEER'S RF SOURCE

1.85mm Male to 1.85mm Male Cable Using PE-P086 Coax, LF Solder, RoHS

RF Cable Assemblies Technical Data Sheet PE3C0752LF

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

How to Order

Part Number Configuration:

PE3C0752LF - xx uu

- uu — Unit of Measure: cm = Centimeters, <blank> = Inches
- xx — Length
- PE3C0752LF — Base Number

Example: PE3C0752LF-12 = 12 inches long cable
PE3C0752LF-100cm = 100 cm long cable

1.85mm Male to 1.85mm Male Cable Using PE-P086 Coax, LF Solder, RoHS 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: 1.85mm Male to 1.85mm Male Cable Using PE-P086 Coax, LF Solder, RoHS PE3C0752LF

URL: https://www.pasternack.com/1.85mm-male-1.85mm-male-pe-p086-cable-assembly-pe3c0752lf-p.aspx

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com