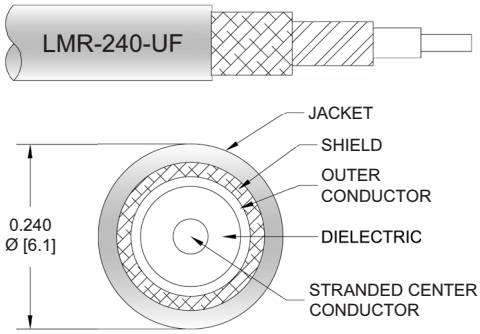
SMA Male to SMA Male Cable Using LMR-240-UF Coax , LF Solder

PE3W02363LF

Configuration

- Connector 1: SMA Male
- Connector 2: SMA Male
- Cable Type: LMR-240-UF
- Coax Flex Type: Flexible



Features

- Shielding Effectivity > 90 dB
- 84% Phase Velocity
- Double Shielded
- TPE Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W02363LF SMA male to SMA male cable using LMR-240-UF 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 SMA to SMA cable assembly has a male to male gender configuration with 50 ohm flexible LMR-240-UF coax. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 90 dB.

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
Velocity of Propagation		84		%
RF Shielding	90			dB
Group Delay		1.21 [3.97]		ns/ft [ns/m]
Capacitance		24.2 [79.4]		pF/ft [pF/m]
Inductance		0.06 [0.2]		uH/ft [uH/m]
DC Resistance Inner Conductor		4.28 [14.04]		Ohms/1000ft [Ohms/Km]
DC Resistance Outer Conductor		3.89 [12.76]		Ohms/1000ft [Ohms/Km]
Jacket Spark			5,000	Vrms

Mechanical Specifications

Cable Assembly

Width/Diameter	0.375 in [9.53 mm]

+1 (866) 558-2786 | sales@pasternack.com | pasternack.com

SMA Male to SMA Male Cable Using LMR-240-UF Coax , LF Solder

PE3W02363LF

Weight	0.07 lbs [31.75 g]

Cable

Cable Type	LMR-240-UF
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Number of Shields	2
Shield Layer 1	Aluminum Tape
Shield Layer 2	Tinned Copper Braid
Jacket Material	TPE, Black
Jacket Diameter	0.24 in [6.1 mm]
One Time Minimum Bend Radius	0.75 in [19.05 mm]
Repeated Minimum Bend Radius	2.5 in [63.5 mm]
Bending Moment	0.13 lbs-ft [0.18 N-m]
Flat Plate Crush	13 lbs/in [0.23 Kg/mm]
Tensile Strength	80 lbs [36.29 Kg]

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMA Male
Specification	MIL-STD-348	MIL-STD-348
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	ASTM B488	ASTM B488
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal
Coupling Nut Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal
Hex Size	5/16 Inch	5/16 Inch

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

SMA Male to SMA Male Cable Using LMR-240-UF Coax , LF Solder

PE3W02363LF

Typical Performance Data

How to Order

Part Number Configuration: **PE3W02363LF - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3W02363LF — Base Number

Example: PE3W02363LF-12 = 12 inches long cable
PE3W02363LF-100cm = 100 cm long cable

SMA Male to SMA Male Cable Using LMR-240-UF 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: SMA Male to SMA Male Cable Using LMR-240-UF Coax , LF Solder PE3W02363LF

URL: https://www.pasternack.com/sma-male-sma-male-lmr240uf-cable-assembly-pe3w02363lf-p.aspx

PE3W02363LF CAD Drawing

SMA Male to SMA Male Cable Using LMR-240-UF Coax , LF Solder