



BNC Male Connector Clamp/Solder Attachment for RG8X, PE-C240, 0.240 inch, B7808A, LMR-240

RF Connectors Technical Data Sheet

PE4379

Configuration

- BNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG8X, PE-C240, .240 inch, B7808A, LMR-240

Features

- Gold Plated Brass Contact
- 3 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4379 BNC male connector with clamp/solder attachment for RG8X, PE-C240, .240 inch, B7808A and LMR-240 is part of our full line of RF components available for same-day shipping.

Our BNC male connector PE4379 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Mechanical Specifications

Size	
Length	1.09 in [27.69 mm]
Width/Dia.	0.57 in [14.48 mm]
Weight	0.035 lbs [15.88 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 3 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Clamp/Solder Attachment for RG8X, PE-C240, 0.240 inch, B7808A, LMR-240 PE4379](#)



BNC Male Connector Clamp/Solder Attachment for
RG8X, PE-C240, 0.240 inch, B7808A, LMR-240

RF Connectors
Technical Data Sheet

PE4379

Environmental Specifications

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Clamp/Solder Attachment for RG8X, PE-C240, 0.240 inch, B7808A, LMR-240 PE4379](#)

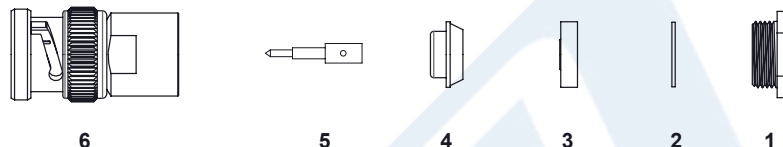


BNC Male Connector Clamp/Solder Attachment for
RG8X, PE-C240, 0.240 inch, B7808A, LMR-240

RF Connectors
Technical Data Sheet

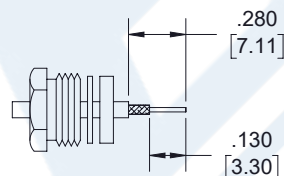
PE4379

Assembly Instruction



ASSEMBLY PROCEDURES

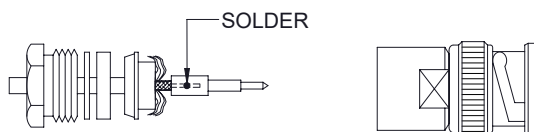
1. SLIDE CLAMP NUT (1), THINNER WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



2. SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE. FORM BRAID OVER CLAMP NUT. TRIM BRAID BACK TO SHOULDER.



3. SOLDER CONTACT (5) TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY (6) & TIGHTEN.



Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Clamp/Solder Attachment for RG8X, PE-C240, 0.240 inch, B7808A, LMR-240 PE4379](#)



BNC Male Connector Clamp/Solder Attachment for RG8X, PE-C240, 0.240 inch, B7808A, LMR-240

RF Connectors Technical Data Sheet

PE4379

BNC Male Connector Clamp/Solder Attachment for RG8X, PE-C240, 0.240 inch, B7808A, LMR-240 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: [BNC Male Connector Clamp/Solder Attachment for RG8X, PE-C240, 0.240 inch, B7808A, LMR-240 PE4379](https://www.pasternack.com/bnc-male-standard-rg8x-pe-c240-connector-pe4379-p.aspx)

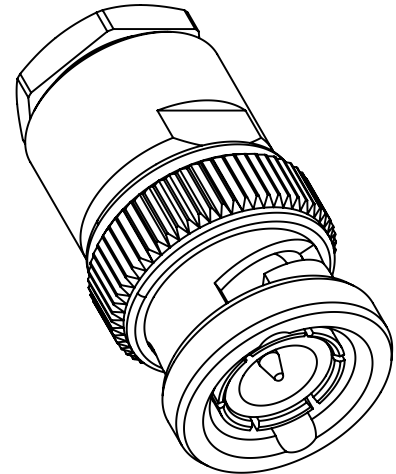
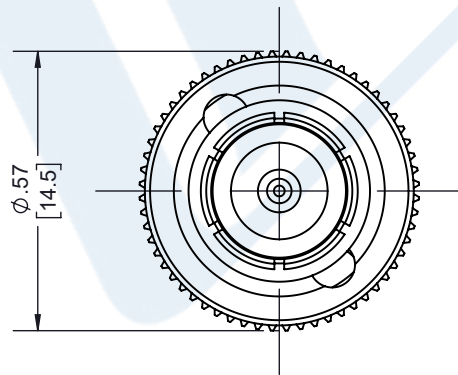
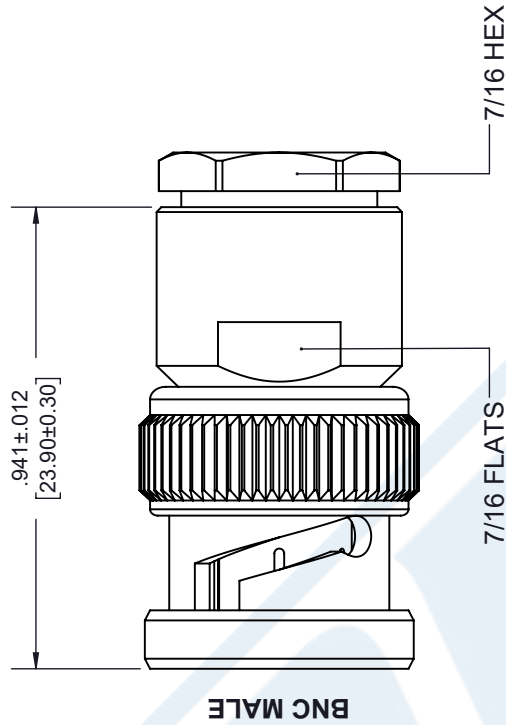
URL: <https://www.pasternack.com/bnc-male-standard-rg8x-pe-c240-connector-pe4379-p.aspx>

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PE4379 CAD Drawing

BNC Male Connector Clamp/Solder Attachment for RG8X,
PE-C240, 0.240 inch, B7808A, LMR-240

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR PE4379	12/4/2020	S. ELLIS



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

X	± .2	[.008]	FRACTIONS
.XX	± .02	[.51]	± 1/32
.XXX	± .005	[.13]	ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L	± 12	[305]	± 1	[25]	-0	
12	[305]	< L ≤ 60	[1524]	± 1	[51]	-0
60	[1524]	< L ≤ 120	[3048]	± 1	[102]	-0
120	[3048]	< L ≤ 300	[7620]	± 1	[152]	-0
300	[7620]	< L ≤ 500	[12700]	± 1	[152]	-0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

PE PASTERNAK
an INFINITE brand

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THIRD-ANGLE PROJECTION

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SHEET 1 OF 2

SCALE N/A

REV A

ITEM NO. PE4379

DRAWN BY K.DANG

SIZE A

CAGE CODE 53919



SMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240

RF Connectors Technical Data Sheet



EZ-240-SM-RA-X

Times Microwave Systems Connector Specification

Configuration

- SMA Male Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: LMR-240
- 5/16 Inch Hex

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass/Phosphor Bronze Contact
- 50 µinch contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Times Microwave's EZ-240-SM-RA-X SMA male right angle connector offered by Pasternack with crimp/non-solder contact attachment for Times' LMR-240 is part of our full line of RF components available for same-day shipping. Times Microwave's SMA male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1. Its right angle body geometry allows for easier connections in tight spaces.

Times Microwave's SMA male right angle connector EZ-240-SM-RA-X datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
Insertion Loss			0.25	dB
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	0.725 in [18.42 mm]
Width/Dia.	0.312 in [7.92 mm]
Height	0.88 in [22.35 mm]
Weight	0.021 lbs [9.53 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240 EZ-240-SM-RA-X](#)



SMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240

RF Connectors Technical Data Sheet



EZ-240-SM-RA-X

Mating Cycles

500 Cycles

Mating Torque

7 to 10 in-lbs [0.79 to 1.13 Nm]

Material Specifications

Description	Material	Plating
Contact	Brass/Phosphor Bronze	Gold 50 µinch
Insulation	Teflon	
Body	Brass	Tri-Metal 80 µinch
Coupling Nut	Brass	Tri-Metal 80 µinch

Environmental Specifications

Temperature

Operating Range

-40 to +125 deg C

Shock

MIL-STD 202G, Meth.213, Cond I

Vibration

MIL-STD 202G, Meth.204, Cond D

Thermal Shock

MIL-STD 202G, Meth.107, Cond B

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240 EZ-240-SM-RA-X](#)



SMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240

RF Connectors Technical Data Sheet



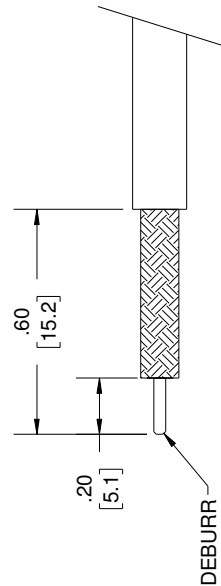
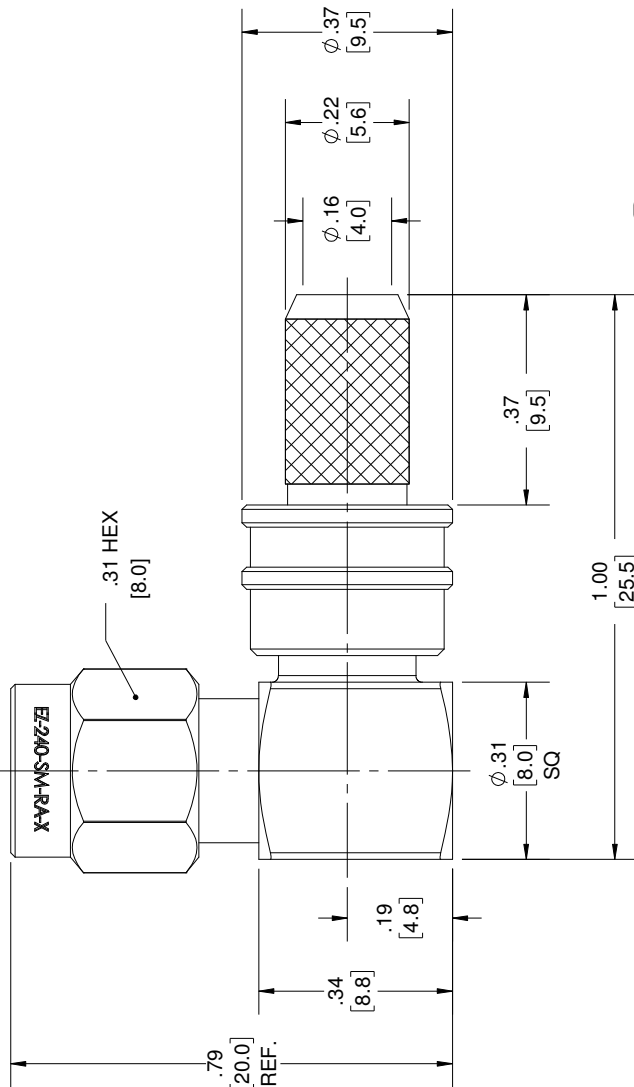
EZ-240-SM-RA-X

SMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240 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 Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240 EZ-240-SM-RA-X](https://www.pasternack.com/sma-male-lmr-240-connector-ez-240-sm-ra-x-p.aspx)

URL: <https://www.pasternack.com/sma-male-lmr-240-connector-ez-240-sm-ra-x-p.aspx>

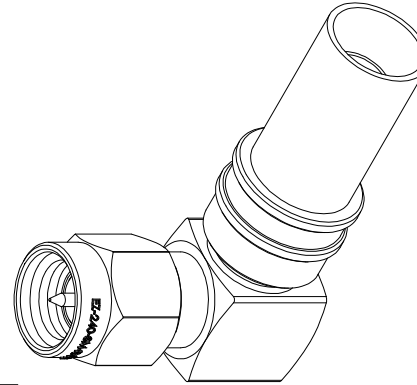
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SMA MALE
RA

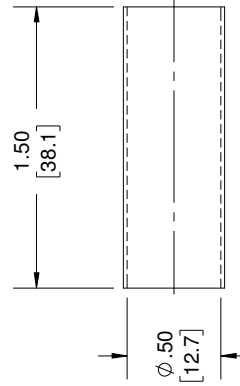
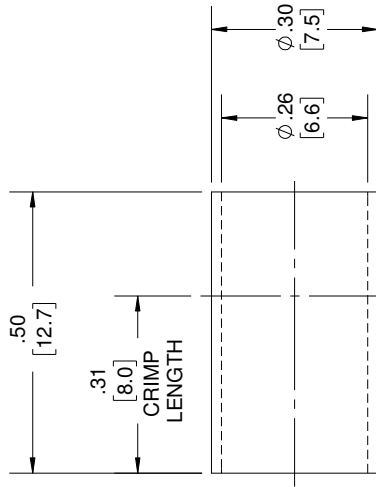
STRIPPING DIMENSIONS

NOTES:

1. CABLE ATTACHMENT:
 - OUTER: CRIMP.
 - INNER: NON-SOLDER.
2. CRIMP SIZE REQUIRED:
 - FERRULE: .255 [6.48] HEX. CRIMP TOOL.



FERRULE



SHRINK TUBE (1/2"x1.5" 3:1)

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	PCR EZ-240-SM-RA-X 20200511	06/15/2020	SRAUTUS

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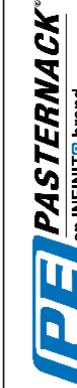
TOLERANCES:

X = +2 [5.08] FRACTIONS
XX = ±.02 [51] +1/32
XXX = ±.005 [13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5% L / -0

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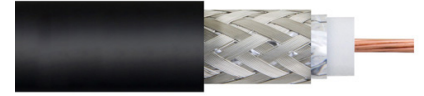
SHEET 1 OF 1

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	PART NUMBER	REV
A	53919	K.DANG	EZ-240-SM-RA-X	B

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Flexible LMR-240-UF Indoor / Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket



LMR-240-UF



Times Microwave Systems Connector Specification

Configuration

- Low Loss, Indoor / Outdoor Flexible Cable
- 2 Shield(s)

Features

- Highly Flexible
- Low Loss Cable
- RF Shielding > 90dB
- Designed for Indoor/Outdoor Use
- Max Operating Frequency of 8 GHz

Applications

- Jumper Assemblies
- Short Antenna Feeder Runs
- Wireless Communications

Description

Pasternack's LMR series RF cables from Times Microwave offer an ideal solution for applications where flexibility is essential. These flexible cables provide low loss with a minimum bend radius of 0.75 in. for installation. The stranded center conductor and rubber jacket also make this RF cable ideal for applications requiring periodic or repeated flexing. Pasternack's LMR-240-UF cable is designed for use in indoor and outdoor applications. The LMR-240-UF's thermoplastic elastomer (TPE) jacket gives this RF cable a life expectancy of 10 years. This low loss RF cable is also double shielded to provide greater than 90 dB RF shielding.

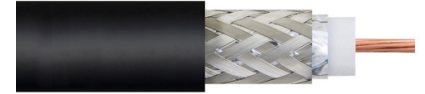
Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		8	GHz
Impedance		50		Ohms
Velocity of Propagation		84		%
Time Delay		1.21 [3.97]		ns/ft [ns/m]
Shielding Effectiveness	90			dB
Dielectric Withstanding Voltage (DC)			1,500	Vdc
Jacket Spark			5,000	Vrms
Inner Conductor DC Resistance			4.28	Ohms/1000ft
Outer Conductor DC Resistance			3.89	Ohms/1000ft
Nominal Capacitance		24.2 [79.4]		pF/ft [pF/m]
Nominal Inductance		0.06 [0.2]		uH/ft [uH/m]
Input Power (Peak)			5.6	kWatts

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	50	150	220	450	900	MHz

Flexible LMR-240-UF Indoor / Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket



LMR-240-UF

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Attenuation, Typ	2.1	3.6	4.4	6.3	9.1	dB/100ft
	6.89	11.81	14.44	20.67	29.86	dB/100m
Input Power (CW), Max	960	550	450	310	220	Watts

Description	F6	F7	F8	F9	F10	Units
Frequency	1.5	1.8	2	2.5	8	GHz
Attenuation, Typ	11.8	13	13.8	15.5	24.4	dB/100ft
	38.71	42.65	45.28	50.85	80.05	dB/100m
Input Power (CW), Max	170	150	140	130	80	Watts

Electrical Specification Notes:

Values at 25°C, sea level.

Attenuation = $0.290501 \times \sqrt{\text{FMHz}} + 0.000396$

Mechanical Specifications

Diameter	0.24 in [6.1 mm]
Weight	0.032 lbs/ft [0.05 kg/m]
Min. Bend Radius (Installation)	0.75 in [19.05 mm]
Min. Bend Radius (Repeated)	2.5 in [63.5 mm]
Bending Moment	0.13 lbs-ft [0.18 N-m]
Tensile Strength	80 lbs [36.29 kg]
Flat Plate Crush	13 lbs/in [0.23 kg/mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Strand	0.056 in [1.42 mm]
Conductor Type	Stranded	
Dielectric	PE (F)	0.15 in [3.81 mm]
First Shield	Aluminum Tape	0.155 in [3.94 mm]
Second Shield	Tinned Copper Braid	0.178 in [4.52 mm]
Jacket	TPE, Black	0.24 in [6.1 mm]

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C

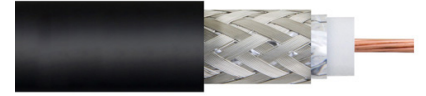
Installation Range -40 to +85 deg C

Storage Range -70 to +85 deg C

Environmental Specification Notes:

Designed for indoor and outdoor use.

Flexible LMR-240-UF Indoor / Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket



LMR-240-UF

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

Plotted and Other Data

Notes:

Flexible LMR-240-UF Indoor / Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket 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: [Flexible LMR-240-UF Indoor / Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket LMR-240-UF](#)

URL: <https://www.pasternack.com/50-ohm-ultra-flexible-lmr-240-uf-pe-jacket-tinned-copper-over-aluminum-tape-outer-conductor-double-shielded-lmr-240-uf-p.aspx>

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Flexible LMR-240-UF Indoor / Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket

