

**Times Microwave LMR-240-UF Flexible Coax Cable
Black TPE Jacket**
Times Microwave Systems Coax Cable Specification
Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
Velocity of Propagation		84		%
Time Delay		1.21 [3.97]		ns/ft [ns/m]
Shielding Effectiveness	90			dB
DWV (DC)			1,500	Vdc
Jacket Spark			5,000	Vrms
Inner Conductor DC Resist.			4.28	Ohms/1000ft
Outer Conductor DC Resist.			3.89	Ohms/1000ft
Nominal Capacitance		24.2		pF/ft
		[79.4]		[pF/m]
Nominal Inductance		0.06		uH/ft
		[0.2]		[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
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
Power In (CW), Max	960	550	450	310	220	Watts

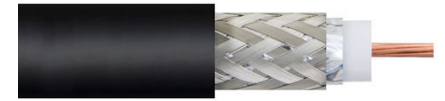
Description	F6	F7	F8	F9	F10	Units
Frequency	1.5	1.8	2	2.5	6	GHz
Attenuation, Typ	11.8	13	13.8	15.5	24.4	dB/100ft
	38.71	42.65	45.28	50.85	80.05	dB/100m
Power In (CW), Max	170	150	140	130	80	Watts

Electrical Specification Notes:

Values at 25°C, sea level.

 $Attenuation = 0.290501 * \sqrt{FMHz} + 0.000396$
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]


Configuration:

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

Features:

- Highly Flexible
- Low Loss Cable
- RF Shielding > 90dB
- Designed for Indoor/Outdoor Use

Applications:

- Jumper Assemblies
- Short Antenna Feeder Runs
- Wireless Communications

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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	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.

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

Plotted and Other Data

Notes:

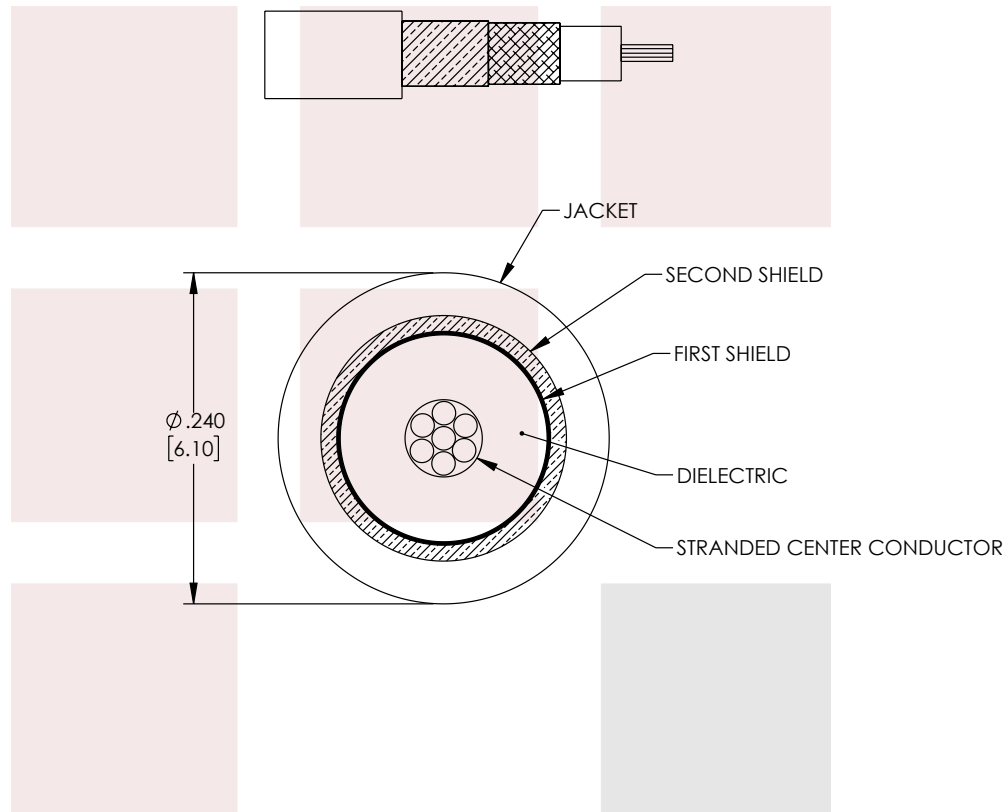
Times Microwave LMR-240-UF Flexible Coax Cable Black TPE Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [Times Microwave LMR-240-UF Flexible Coax Cable Black TPE Jacket LMR-240-UF-BULK](#)

URL: <https://www.fairviewmicrowave.com/lmr240uf-flexible-coax-cable-pe-jacket-lmr-240-uf-bulk-p.aspx>

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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/13/2023	AGANWANI



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<p>SIZE A</p>	<p>CAGE CODE 3FKR5</p>	<p>DRAWN BY AKRESOWSKI</p>	<p>ITEM NO. LMR-240-UF-BULK</p> <p>REV A</p>															

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