

Times Microwave LMR-200 Low Loss Flexible Coax Cable Black PE Jacket
Times Microwave Systems Coax Cable Specification
Electrical Specifications

| Description | Min | Typ | Max | Units |
|----------------------------|-----|----------|-------|--------------|
| Frequency Range | DC | | 6 | GHz |
| Cutoff Frequency | | 39 | | GHz |
| Impedance | | 50 | | Ohms |
| Velocity of Propagation | | 83 | | % |
| Time Delay | | 1.22 [4] | | ns/ft [ns/m] |
| Shielding Effectiveness | 90 | | | dB |
| DWV (DC) | | | 1,000 | Vdc |
| Jacket Spark | | | 3,000 | Vrms |
| Inner Conductor DC Resist. | | | 5.36 | Ohms/1000ft |
| Outer Conductor DC Resist. | | | 4.9 | Ohms/1000ft |
| Nominal Capacitance | | 24.5 | | pF/ft |
| | | [80.38] | | [pF/m] |
| Nominal Inductance | | 0.061 | | uH/ft |
| | | [0.2] | | [uH/m] |
| Input Power (Peak) | | | 2.5 | kWatts |

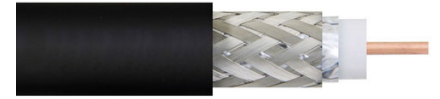
Performance by Frequency Band

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|--------------------|------|-------|-------|-------|-------|----------|
| Frequency | 50 | 150 | 220 | 450 | 900 | MHz |
| Attenuation, Typ | 2.3 | 4 | 4.8 | 7 | 9.9 | dB/100ft |
| | 7.55 | 13.12 | 15.75 | 22.97 | 32.48 | dB/100m |
| Power In (CW), Max | 790 | 450 | 370 | 260 | 180 | Watts |

| Description | F6 | F7 | F8 | F9 | F10 | Units |
|--------------------|-------|-------|-------|-------|-------|----------|
| Frequency | 1.5 | 1.8 | 2 | 2.5 | 6 | GHz |
| Attenuation, Typ | 12.9 | 14.2 | 15 | 16.9 | 26.4 | dB/100ft |
| | 42.32 | 46.59 | 49.21 | 55.45 | 86.61 | dB/100m |
| Power In (CW), Max | 140 | 130 | 120 | 110 | 70 | Watts |

Mechanical Specifications

| | |
|---------------------------------|--------------------------|
| Diameter | 0.195 in [4.95 mm] |
| Weight | 0.024 lbs/ft [0.04 kg/m] |
| Min. Bend Radius (Installation) | 0.5 in [12.7 mm] |
| Min. Bend Radius (Repeated) | 2 in [50.8 mm] |
| Bending Moment | 0.2 lbs-ft [0.27 N-m] |
| Tensile Strength | 40 lbs [18.14 kg] |
| Flat Plate Crush | 15 lbs/in [0.27 kg/mm] |


Configuration:

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

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Construction Specifications

| Description | Material and Plating | Diameter |
|-----------------|----------------------|--------------------|
| Inner Conductor | Copper, 1 Strands | 0.044 in [1.12 mm] |
| Conductor Type | Solid | |
| Dielectric | PE (F) | 0.116 in [2.95 mm] |
| First Shield | Aluminum Tape | [] |
| Second Shield | Tinned Copper Braid | [] |
| Jacket | PE, Black | 0.195 in [4.95 mm] |

Environmental Specifications

Temperature

Operating Range
Storage Range

-40 to +85 deg C
-70 to +85 deg C

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

Plotted and Other Data

Notes:

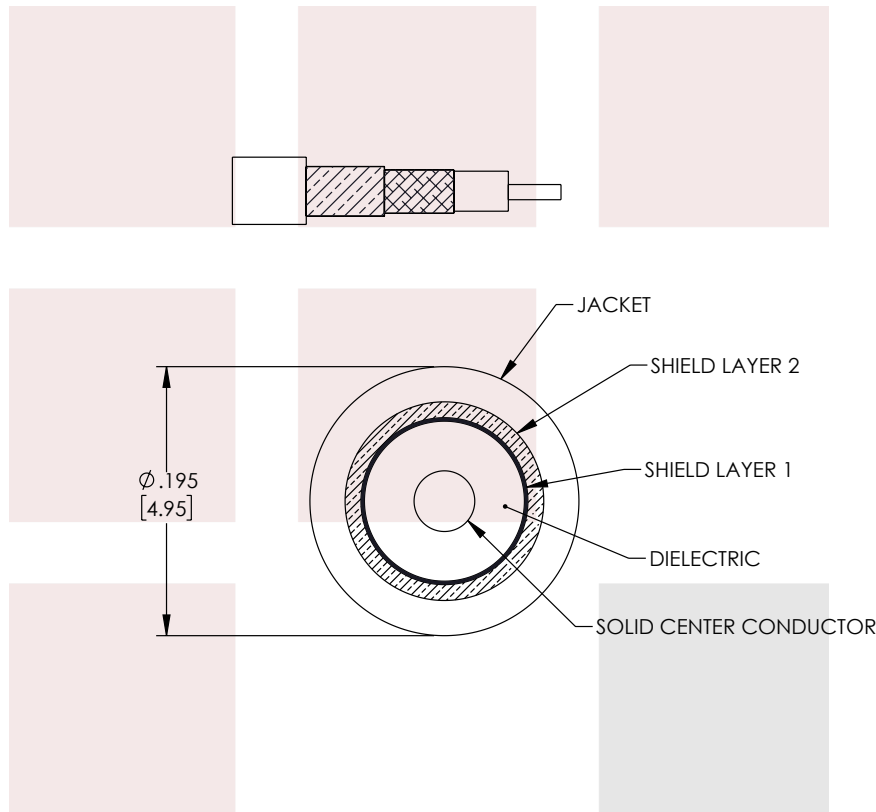
Times Microwave LMR-200 Low Loss Flexible Coax Cable Black PE Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [Times Microwave LMR-200 Low Loss Flexible Coax Cable Black PE Jacket LMR-200-BULK](#)

URL: <https://www.fairviewmicrowave.com/lmr200-low-loss-flexible-coax-cable-pe-jacket-lmr-200-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>Fairview Microwave an INFINIT[®] brand</p> | <p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES: CABLE LENGTH (L) TOLERANCES:</p> <table border="0"> <tr> <td>.X = ±.2 [5.08]</td> <td>FRACTIONS</td> <td>L ≤ 12 [305] = +1 [25] / -0</td> </tr> <tr> <td>.XX = ±.02 [.51]</td> <td>± 1/32</td> <td>12 [305] < L ≤ 60 [1524] = +2 [51] / -0</td> </tr> <tr> <td>.XXX = ±.005 [.13]</td> <td>ANGLES ± 1°</td> <td>60 [1524] < L ≤ 120 [3048] = +4 [102] / -0</td> </tr> <tr> <td></td> <td></td> <td>120 [3048] < L ≤ 300 [7620] = +6 [152] / -0</td> </tr> <tr> <td></td> <td></td> <td>300 [7620] < L = +5%L / -0</td> </tr> </table> | .X = ±.2 [5.08] | FRACTIONS | L ≤ 12 [305] = +1 [25] / -0 | .XX = ±.02 [.51] | ± 1/32 | 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 | .XXX = ±.005 [.13] | ANGLES ± 1° | 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 | | | 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 | | | 300 [7620] < L = +5%L / -0 | <p>THIRD-ANGLE PROJECTION</p> <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> |
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| <p>TITLE</p> <p>Times Microwave LMR-200 Low Loss Flexible Coax Cable Black PE Jacket</p> | <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p> <table border="1"> <tr> <td>SIZE</td> <td>CAGE CODE</td> <td>DRAWN BY</td> <td>ITEM NO.</td> <td>REV</td> </tr> <tr> <td>A</td> <td>3FKR5</td> <td>AKRESOWSKI</td> <td>LMR-200-BULK</td> <td>A</td> </tr> </table> | SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV | A | 3FKR5 | AKRESOWSKI | LMR-200-BULK | A | <p>SCALE</p> <p>N/A</p> | | | | | |
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