

75 Ohm Flexible RG11 Coax Cable Single Shielded with Black PVC Jacket
Electrical Specifications

| Description | Min | Typ | Max | Units |
|-------------------------|-----|---------|-------|--------|
| Frequency Range | DC | | 1,000 | MHz |
| Impedance | | 75 | | Ohms |
| Velocity of Propagation | | 66 | | % |
| Shielding Effectiveness | 45 | | | dB |
| Nominal Capacitance | | 20.5 | | pF/ft |
| | | [67.26] | | [pF/m] |

Performance by Frequency Band

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|------------------|------|------|------|-------|-------|----------|
| Frequency | 100 | 200 | 400 | 800 | 1,000 | MHz |
| Attenuation, Typ | 1.98 | 2.93 | 4.42 | 6.93 | 8.11 | dB/100ft |
| | 6.5 | 9.61 | 14.5 | 22.74 | 26.61 | dB/100m |

Mechanical Specifications

| | |
|-----------------------------|------------------------|
| Diameter | 0.405 in [10.29 mm] |
| Weight | 0.1 lbs/ft [0.15 kg/m] |
| Min. Bend Radius (Repeated) | 4.5 in [114.3 mm] |

Construction Specifications

| Description | Material and Plating | Diameter |
|-----------------|------------------------------|---------------------|
| Inner Conductor | Copper, Tin, 7 Strands | [] |
| Conductor Type | Stranded | |
| Dielectric | PE | 0.285 in [7.24 mm] |
| First Shield | Copper Braid 97% coverage | 0.314 in [7.98 mm] |
| Jacket | PVC, Black | 0.405 in [10.29 mm] |

Environmental Specifications
Temperature

Operating Range -40 to +80 deg C

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

Plotted and Other Data

Notes:


Configuration:

- Flexible Cable
- 1 Shield(s)

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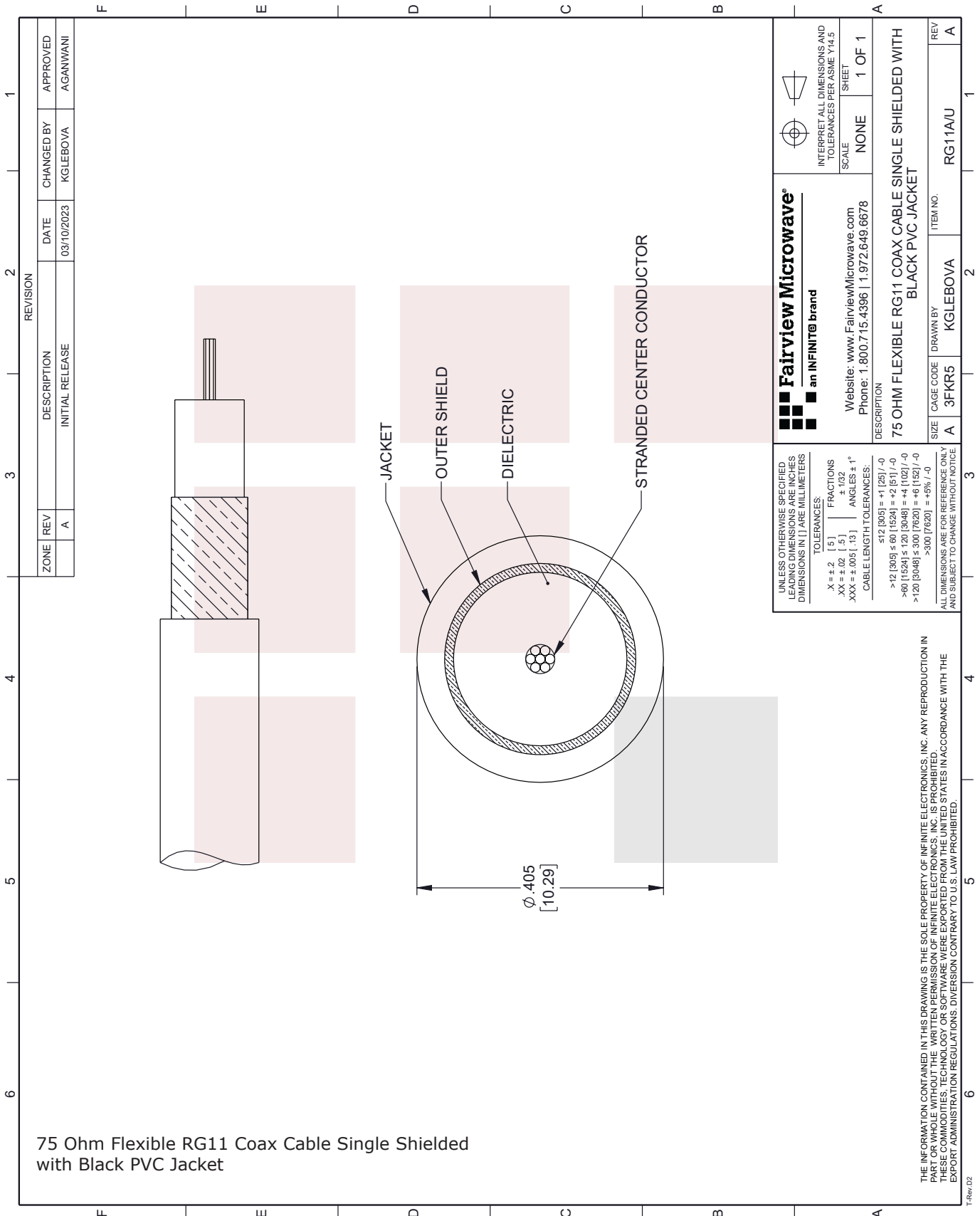
75 Ohm Flexible RG11 Coax Cable Single Shielded with Black PVC Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [75 Ohm Flexible RG11 Coax Cable Single Shielded with Black PVC Jacket RG11A/U](#)

URL: <https://www.fairviewmicrowave.com/75-ohm-rg11au-flexible-coax-cable-pvc-jacket-rg11a-u-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.





| ZONE | | REVISION | | DATE | | APPROVED | |
|------|---|-----------------|------------|----------|----------|----------|--|
| A | 1 | INITIAL RELEASE | 03/10/2023 | KGLEBOVA | AGANWANI | | |

| | | | |
|---|-----------|--|----------|
| Fairview Microwave® an INFINITE® brand Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678 | | INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1 | |
| DESCRIPTION: 75 OHM FLEXIBLE RG11 COAX CABLE SINGLE SHIELDED WITH BLACK PVC JACKET | | | |
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. |
| A | 3FKR5 | KGLEBOVA | RG11A/U |

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

TOLERANCES:

| | | |
|--------------|-------|-------------|
| .X = ±.2 | [.5] | FRACTIONS |
| .XX = ±.02 | [.5] | ± 1/32 |
| .XXX = ±.005 | [.13] | ANGLES ± 1° |

CABLE LENGTH TOLERANCES:

| | |
|--------------------------|------------|
| <12 [305] | ±.125 / -0 |
| >12 [305] ≤ 60 [1524] | ±.25 / -0 |
| >60 [1524] ≤ 120 [3048] | ±.5 / -0 |
| >120 [3048] ≤ 300 [7620] | ±.75 / -0 |
| >300 [7620] | ±.125 / -0 |

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE

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