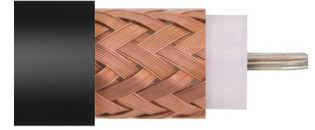


75 Ohm Flexible RG11 Coax Cable Single Shielded with Black PVC Jacket



RG11A/U-BULK

Configuration

- Flexible Cable
- 1 Shield(s)

Features

- Stranded Center Conductor Allows Cable to be Very Flexible
- RF Shielding > 45 dB
- Dielectric VoP of 66%

Applications

- General Purpose
- 75 Ohm Impedance Applications
- R&D

Description

RG11 coaxial cable from Fairview Microwave is only one of many radio frequency coaxial cable types specifically stocked to be ready for same business day shipment. Fairview Microwave's RG11A/U-BULK coaxial cable is manufactured in a flexible design and has a 75 Ohm impedance. This flexible 75 Ohm coaxial cable is constructed with a PVC jacket of 0.405-inch diameter.

Fairview Microwave's RG11A/U-BULK flexible coaxial cable with a PVC jacket is rated for a 1 GHz maximum operating frequency. This 75 Ohm flexible coaxial cable is built with a shield count of 1 and RF shielding of 45 dB. Our RF coaxial cable with a stranded conductor of tin-plated copper can withstand the maximum power of 150 Watts at 1 GHz. Our black-colored coaxial RF cable has a typical insertion loss/attenuation of 1.98, 2.93, 4.42, 6.93 and 8.11 dB/100ft at frequency of 100 MHz, 200 MHz, 400 MHz, 800 MHz and 1 GHz respectively.

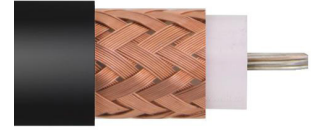
The RG11 coaxial cable with PE dielectric can operate at temperatures ranging from -40 to +80 degrees C. Additional specifications for this RG11A/U-BULK single shielded RF coaxial cable are on our downloadable PDF datasheet above. Our black-colored flexible RF cable with 75 Ohm impedance has 8.11 dB/100ft of attenuation at 1 GHz. This black colored high voltage coaxial cable has a 0.314-inch shield layer of copper braid. This RF cable has a repeat minimum bend radius of 4.5 inch.

RG11 RF cable is part of more than one million RF, microwave, and millimeter wave parts in stock at Fairview Microwave. This RG11 coaxial cable is ready to buy and can be shipped worldwide. Fairview Microwave also maintains a wide selection of other radio frequency coaxial cable types that ship the same business day from our warehouse in the United States, as with the rest of our other RF/microwave and millimeter wave components.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		75		Ohms
Velocity of Propagation		66		%
Shielding Effectiveness	45			dB
Nominal Capacitance		20.5 [67.26]		pF/ft [pF/m]
Power@ 1GHz			150	Watts

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



RG11A/U-BULK

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	0.095 lbs/ft [0.14 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	0.314 in [7.98 mm]
	97% coverage	
Outer Conductor		0 in [0 mm]
Jacket	PVC, Black	0.405 in [10.29 mm]

Environmental Specifications

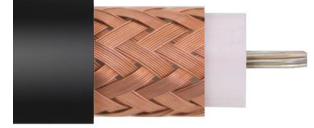
Temperature	
Operating Range	-40 to +80 deg C

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

Plotted and Other Data

Notes:

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



RG11A/U-BULK

75 Ohm Flexible RG11 Coax Cable Single Shielded with Black PVC Jacket from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

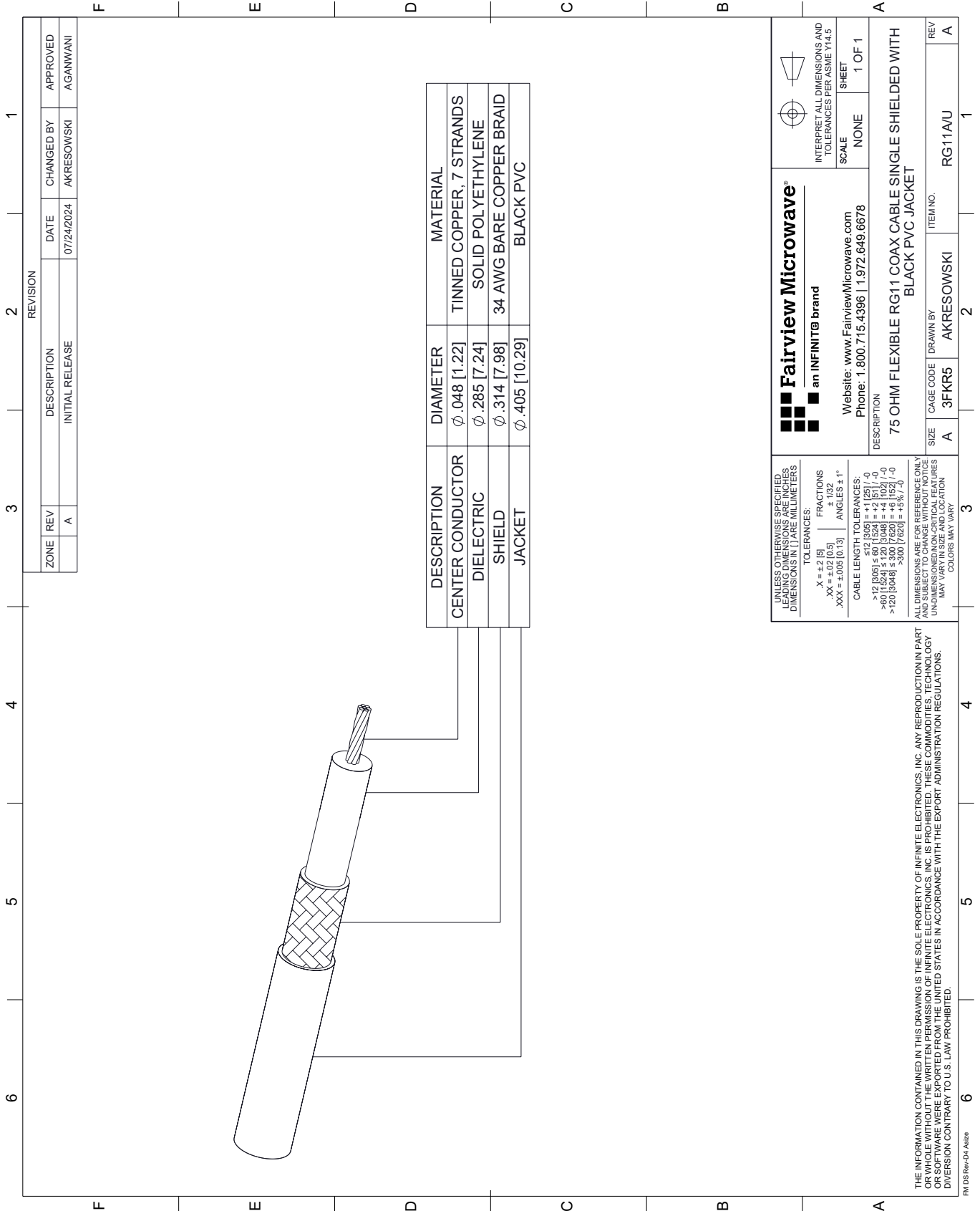
For additional information on this product, please click the following link: [75 Ohm Flexible RG11 Coax Cable Single Shielded with Black PVC Jacket RG11A/U-BULK](#)


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

The information contained within 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 liability arising out of the use of any part or document.

RG11A/U-BULK CAD Drawing

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



 Fairview Microwave® an INFINIT® brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678		
DESCRIPTION: 75 OHM FLEXIBLE RG11 COAX CABLE SINGLE SHIELDED WITH BLACK PVC JACKET		
SIZE: A	CAGE CODE: 3FKR5	ITEM NO: RG11AU
ALL DIMENSIONS ARE FOR REFERENCE ONLY. ALL DIMENSIONS ARE IN UNITS OF MILLIMETERS UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN PARENTHESES ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS.		
TOLERANCES: X = +.2 [5] FRACTIONS ± 1/32 .XX = +.02 [0.5] ANGLES ± 1° .XXX = ±.005 [0.13]		
CABLE LENGTH TOLERANCES: >12 [305] ≤ 60 [1524] = +.15 [-0] >60 [1524] ≤ 120 [3048] = +.4 [1027] / -0 >120 [3048] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +.5% [-0]		
ALL DIMENSIONS ARE FOR REFERENCE ONLY. ALL DIMENSIONS ARE IN UNITS OF MILLIMETERS UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN PARENTHESES ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS.		
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.		