

53 Ohm Flexible RG55 Coax Cable Double  
Shielded with Black PE Jacket

**RF Cables**  
**Technical Data Sheet**

**RG55B/U-BULK**

**Configuration**

- Flexible Cable
- 2 Shield(s)

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		53		Ohms
Velocity of Propagation		66		%
Nominal Capacitance		28.8 [94.49]		pF/ft [pF/m]

**Performance by Frequency Band**

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	3		GHz
Attenuation, Typ	1.35	4.3	16.5	32		dB/100ft dB/100m
	4.43	14.11	54.13	104.99		

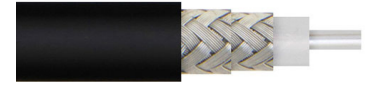
**Mechanical Specifications**

Diameter	0.202 in [5.13 mm]
Weight	0.03 lbs/ft [0.04 kg/m]

**Construction Specifications**

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver, 1 Strand	0.032 in [0.81 mm]
Conductor Type	Solid	
Dielectric	PE	0.116 in [2.95 mm]
First Shield	Tinned Copper Braid	0.14 in [3.56 mm]
Second Shield	Tinned Copper Braid	0.163 in [4.14 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket RG55B/U-BULK](#)



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Jacket	PE, Black	0.202 in [5.13 mm]
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**Environmental Specifications**

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

**Plotted and Other Data**

Notes:

53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE 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.

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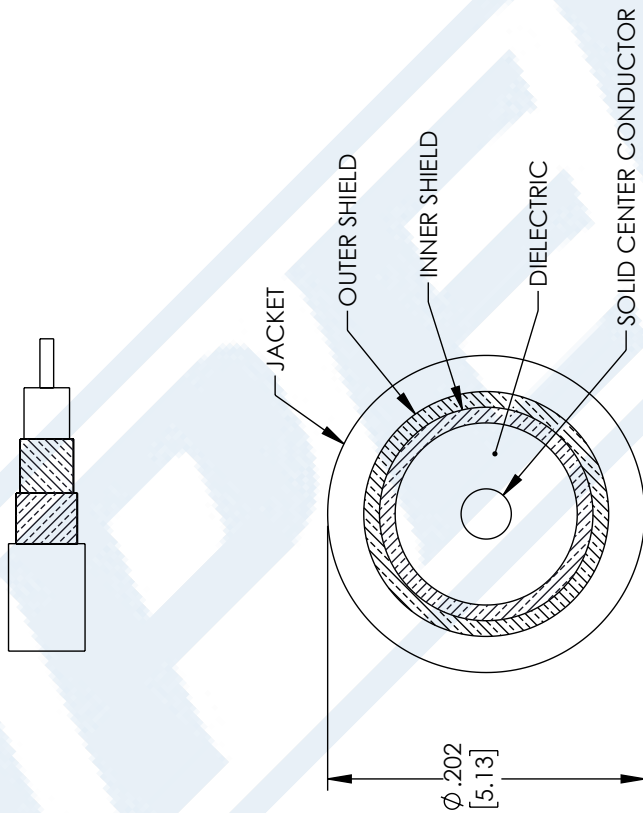
URL: <https://www.pasternack.com/flexible-0.206-rg55-53.5-ohm-coax-cable-pe-jacket-rg55b-u-bulk-p.aspx>

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

# RG55B/U-BULK CAD Drawing

53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/09/2022	AGANWANI



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

TOLERANCES:

.X = ±.2 [ .508] FRACTIONS ± 1/32  
 .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% / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

**PE PASTERNAK**  
 an INFINITI brand

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ITEM NO. RG55B/U-BULK

SIZE A CAGE CODE 53919 DRAWN BY DZINN

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

REV A

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