



## LT1190BV RG11 Shield 90% Black Jacket

### DIMENSIONS AND CONSTRUCTION:

#### CENTER CONDUCTOR:

Copper covered Steel 18 AWG  
Diameter 1.63 mm.

#### DIELECTRIC:

Foam PE Dielectric Diameter 7.11 mm.

#### OUTER CONDUCTOR FOIL (SHIELD):

Aluminum Polypropylene Aluminum tape  
With overlap around dielectric with 100%  
coverage of dielectric Diameter 7.29 mm.

#### BRAID (SHIELD):

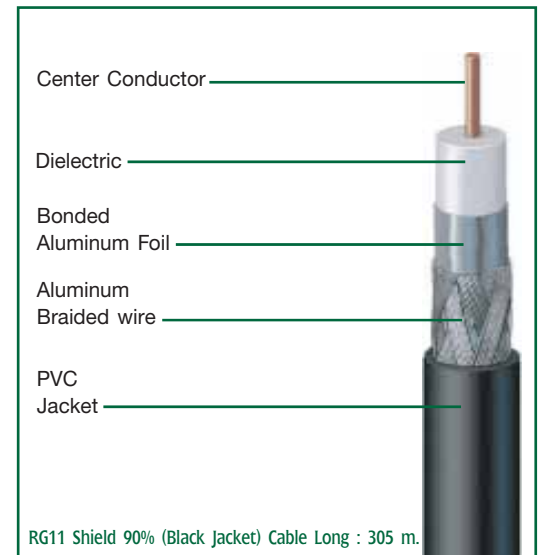
Aluminum alloy braided wire with coverage 90%

#### JACKET:

Polyvinylchloride Polyethylene with suitable pigment  
and antioxidants to protect the insulating material from  
environment and ultraviolet deterioration Diameter 10.03 mm.  
Color Black

#### PRINTING:

dBy WORLD STRANDARD COAXIAL CABLE 305 m.  
(with meter mark)



### ATTENUATOR (68 Degrees F (20 Degree C))

Frequency MHz	dB/100 ft.	dB/100 meters
5 MHz	0.38 dB	1.25 dB
55 MHz	0.96 dB	3.15 dB
211 MHz	1.90 dB	6.23 dB
250 MHz	2.05 dB	6.72 dB
350 MHz	2.42 dB	7.94 dB
400 MHz	2.60 dB	8.53 dB
450 MHz	2.75 dB	9.02 dB
500 MHz	2.90 dB	9.51 dB
550 MHz	3.04 dB	9.97 dB
600 MHz	3.18 dB	10.43 dB
750 MHz	3.65 dB	11.97 dB
865 MHz	3.98 dB	13.05 dB
1000 MHz	4.35 dB	14.27 dB
1200 MHz	4.84 dB	15.85 dB
1450 MHz	5.42 dB	17.780 dB
1750 MHz	6.10 dB	20.01 dB
2040 MHz	7.11 dB	23.33 dB

### ELECTRIC PERFORMANCE:

Nominal Impedance	75 Ohm.
Nominal Capacitance	53 pF/m.
Nominal Velocity of Propagation	82 %
Screening Efficiency	30-900 MHz. >85 dB. 900-2200 MHz. >85 dB.
Structural Return Loss	5-470 MHz. >25 dB. 470-860 MHz. >22 dB. 860-2200 MHz. >18 dB.

Loop Resistance (outer conductor)	12 Ohms per 100 meters
Center Resistance (Core conductor)	10 Ohms per 100 meters

**dBy**<sup>®</sup>  
Coaxial Cable