

# RG11 QUAD SHIELD

## 14 AWG

### COAXIAL CABLE



## 107-1032BK/R11Q

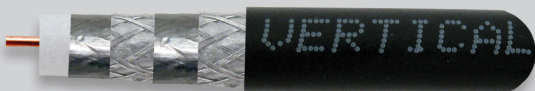
Part Number:	Description:
107-1032BK/R11Q	Coaxial Cable, Quad Shield, 14 AWG Solid CCS, Black 1000 ft.

### DESCRIPTION

RG11, Quad Shield,  
14 AWG Solid CCS Conductor,  
Aluminum Foil with 60% & 40% Braids.

### APPLICATION

- Digital HDTV Applications
- Digital Satellite Installations
- CATV



#### CONSTRUCTION

Conductor count:	1
Shape:	Round
Gel Filling:	Yes
Aluminum Foil:	Yes
Shielding:	Shield 1 Material: Bonded AL/PET Braid 1: 60% Aluminum Alloy Wire Shield 2 Material: AL/PET Braid 2: 40% Aluminum Alloy Wire

#### CONDUCTORS

Material:	Copper Clad Steel
Trade size:	14 AWG
Conductor O.D.:	0.06 in. (1.63 mm ±0.01)

#### INSULATION

Insulation material:	Dielectric Foam PE
Insulation O.D.:	0.28 in. (7.11 mm ±0.1)
Average Thickness	0.11 in. (2.70 mm)
Min. Thickness	0.1 in. (2.50 mm)
Insulation color:	White
Dielectric Diameter Tolerance:	0.004 in. (0.1 mm)

#### JACKET

Material:	Polyvinyl Chloride (PVC)
Jacket O.D.:	0.4 in. (10.2 mm ±0.3)
Average Thickness	0.03 in. (0.80 mm)
Min. Thickness	0.027 in. (0.70 mm)
Jacket color:	Black
Marking:	RG11 14AWG CABLE 3.0GHZ CMX CATV ROHS ETL VERIFIED V2094P13541 XXXXFT

#### MECHANICAL

Operating Temperature:	- 20°C to 75° C
Sparker Test:	4000VAC
Impedance:	75 Ohm ±3
Velocity of Propagation:	85%

#### SAFETY

NFPA 70 (NEC®) rating:	CL2
Specification	UL444
Voltage Rating:	300 V RMS

#### PACKED WEIGHT

107-1032BK/R11Q:	65 lb (29.5 kg)
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**VERTICAL CABLE**

951.696.7772 California  
800.749.2447 Florida  
845.391.8318 New York  
713.322.7242 Texas



[www.verticalcable.com](http://www.verticalcable.com)

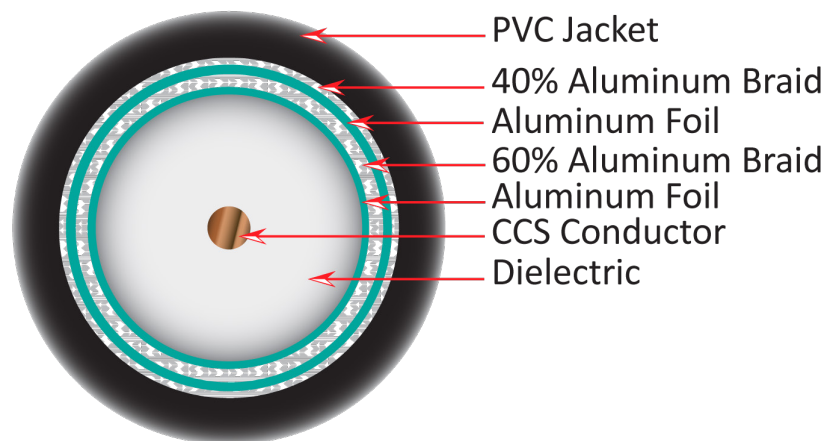
Rev. 07/2024

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## Electrical & Physical Properties:

Conductor DCR @ 20°C	≤40Ω/KM
Fire Resistant	CM
Return Loss	≥ 20dB Min (5-3000 Mhz)
Capacitance Conductor to Shield (pF/M)	53 ±3

Frequency(Mhz)	Attenuation ≤dB/100FT	Frequency(Mhz)	Attenuation ≤dB/100FT
5	0.45	550	3.04
55	0.99	600	3.18
83	1.18	750	3.65
187	1.75	865	3.98
211	1.90	1000	4.35
250	2.05	1200	4.65
300	2.25	1450	5.17
350	2.42	1800	5.90
400	2.60	2200	6.58
450	2.75	2500	6.89
500	2.90	3000	7.58



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