



DESCRIPTION

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

FEATURES

- Quad Shielding
- 14 AWG Solid Copper-Clad Steel (CCS) Conductor
- 75 Ohm Impedance
- Durable Black PVC Jacket
- 1000 ft. Spool
- ETL Verified and RoHS Compliant



RG11 QUAD SHIELD DIRECT BURIAL 14 AWG COAXIAL CABLE (CM-RATED)

107-1032/DB/R11Q

CONSTRUCTION

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

CONDUCTORS

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

INSULATION

Insulation material:	Dielectric Foam PE
Insulation O.D.:	0.28 in. (7.11 mm \pm 0.01)
Average Thickness:	0.106 in. (2.70 mm)
Minimum Thickness:	0.098 in. (2.50 mm)
Insulation color:	White

JACKET

Material:	PE
O.D.:	0.4 in. (10.2 mm \pm 0.3)
Average Thickness:	0.03 in. (0.80 mm)
Minimum Thickness:	0.028 in. (0.70 mm)
Color:	Black

MECHANICAL

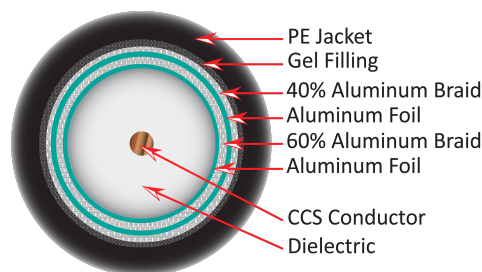
Impedance:	75 Ohm
------------	--------

PACKED WEIGHT

107-1032/DB/R11Q:	65 lb (29.5 kg)
-------------------	-----------------

JACKET PRINTING

RG11 14AWG QUAD SHIELD DIRECT BURIAL CABLE 3.0GHZ CMX
CATV ROHS ETL VERIFIED V2094P13412 XXXXFT



VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York
713.322.7242 Texas



verticalcable.com

Rev. 04/2025

Subject to change without notice.

RG11 QUAD SHIELD

DIRECT BURIAL 14 AWG

COAXIAL CABLE (CM-RATED)

PERFORMANCE

ELECTRICAL & PHYSICAL PROPERTIES

Conductor DCR 20°C:	≤40Ω/KM
Operating Temperature Range:	- 20°C to 90°C
Mutual capacitance:	Max 5.6 nf / 100
Voltage Rating:	300 V RMS
Resistance:	UV
Return Loss:	5-3000 MHz: ≥20dB
Characteristic Impedance (Ohm):	75±3
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

VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York
713.322.7242 Texas



verticalcable.com

Rev. 04/2025

Subject to change without notice.