

RG11 QUAD 3GHz 75 Ohm Coaxial Cable Catalog #5924 NEC/CEC: CM(UL)C(UL)

CommScope
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**ISO9001
REGISTERED**

CABLE CONSTRUCTION:

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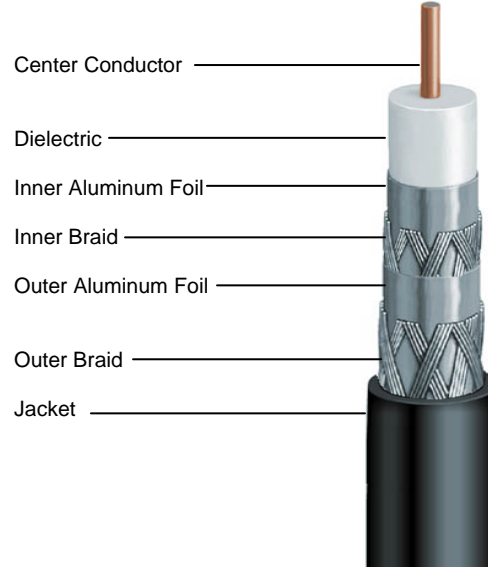
CENTER CONDUCTOR:
14 AWG Solid Bare Copper
Nom. Dia: 0.0641"

DIELECTRIC:
Foam Polyethylene
Dia. over Dielectric: 0.280" Nom.

INNER BRAID:
Foil: Bonded Aluminum Tape
Braid: 34 AWG Aluminum
60% Coverage
Nom. Dia. 0.311"

OUTER BRAID:
Foil: Aluminum Tape
Braid: 34 AWG Aluminum
40% Coverage
Nom. Dia. 0.332"

JACKET:
FR-PVC
Dia. over Jacket: 0.400" +/-0.006"
Nominal Jacket Thickness: 0.035"
Minimum Spot: 0.028"



ELECTRICAL PROPERTIES:

SPARKER TEST:	5000 VAC
DIELECTRIC STRENGTH:	Conductor to Shield: 4000 VDC
CAPACITANCE:	16.0 pF./FT. Nom.
IMPEDANCE:	75.0 +/- 2.0 Ohms
VELOCITY OF PROPAGATION:	82.0% Nom.
DCR: Conductor:	2.6 Ohms/1000 Ft. Nom.
Shield:	3.70 Ohms/1000 Ft. Nom.
SRL:	20dB (5 thru 1000 MHz) 100% Swept Tested 15dB (1000 thru 3000 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

MINIMUM BEND RADIUS:
Loaded: 20 Times Cable OD
Unloaded: 10 Times Cable OD

CABLE TEMP. RATING:
Temp: 75°C

ATTENUATION:

DB/100 FT. (NOM.)	@ FREQUENCY MHz
0.17 dB	1 MHz
0.45 dB	10 MHz
0.89 dB	50 MHz
1.21 dB	100 MHz
1.68 dB	200 MHz
2.37 dB	400 MHz
3.27 dB	700 MHz
3.77 dB	900 MHz
3.95 dB	1000 MHz
4.46 dB	1200 MHz
5.08 dB	1450 MHz
5.58 dB	1800 MHz
6.29 dB	2200 MHz
6.79 dB	2500MHz
7.58 dB	3000 MHz



Drawings not to Scale
Specifications subject to change
Created: 02/27/07