

Sold by:



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RG-6 HDTV Cables

75 Ohm Coaxial Cable

Catalog # 5765 Series

NEC/CEC: CMR(UL) C(UL)

CABLE CONSTRUCTION:

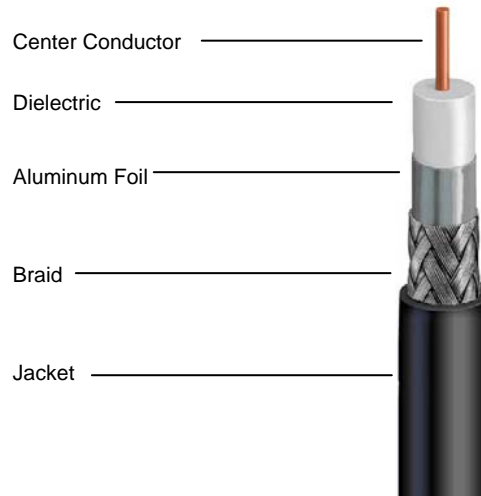
CENTER CONDUCTOR:
 18 AWG Solid Copper
 Nom. Diameter: 0.0403"

DIELECTRIC:
 Foam Polyethylene
 Diameter over Dielectric: 0.180" Nom.

SHIELD:
 Foil: Aluminum/Poly Tape
 Braid: 36 AWG Tinned Copper
 95% Coverage
 Nom. Diameter 0.208"

JACKET:
 FR-PVC
 Diameter over Jacket: 0.272" +/- 0.008"
 Nominal Jacket Thickness: 0.032"
 Minimum Spot: 0.026"

5765 SINGLE



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC

DIELECTRIC STRENGTH: Conductor to Shield: 2500 VDC

CAPACITANCE: 16.2 pF./FT. Nom.

IMPEDANCE: 75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION: 82.0% Nom.

DCR: Conductor: 6.4 Ohms/1000 Ft. Nom.
 Shield: 2.9 Ohms/1000 Ft. Nom.

SRL: Singles: 26 dB (1 thru 450 MHz) 100% Swept Tested
 23 dB (450 thru 850 MHz) 100% Swept Tested
 18 dB (850 thru 3000 MHz) 100% Swept Tested

Multiples: 23 dB (5 thru 450 MHz) 100% Swept Tested

Delay Between Legs: 5ns/100 ft. Max.

MECHANICAL PROPERTIES:

Cable Weight/kft: 41 lbs

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

CABLE TEMP. RATING:
 Temp: 60°C

ATTENUATION:

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.25 dB	1 MHz
0.45 dB	3.6 MHz
0.72 dB	10 MHz
1.70 dB	71.5 MHz
2.25 dB	135 MHz
3.10 dB	270 MHz
3.65 dB	360 MHz
5.30 dB	720 MHz
6.20 dB	1000 MHz
8.00 dB	1500 MHz
9.40 dB	2000 MHz
10.55 dB	2500 MHz
11.60 dB	3000 MHz



Drawings not to Scale
 Specifications subject to change
 Revision: 02/27/08

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CONSTRUCTION for MULTIPLES:

SUB-UNIT: Diameter: 0.272" Nom.

FILLER: FR Polypropylene

BINDER/RIPCORD: Polyester

OUTER JACKET: Thermoplastic Elastomer (TPE)
 Dimensions Below in Chart



Catalog Number	Number of Conductors	Orientation	Nom. Jkt. OD	Nom. Jkt. Thickness	Jkt. Min. Spot Thickness	UL Listing
5765	1	N/A	0.272"	0.032"	0.026"	CMR(UL) c(UL)
576503	3	3 around 0	0.675"	0.040"	0.032"	CMR(UL) c(UL)
576504	4	4 around 0	0.745"	0.040"	0.032"	CMR(UL) c(UL)
576505	5	5 around 0	0.820"	0.045"	0.032"	CMR(UL) c(UL)
5765x12	12	Bundle	N/A	N/A	N/A	CMR(UL) c(UL)

