



Structured Cable Products®

Quality Installations Deserve Quality Products

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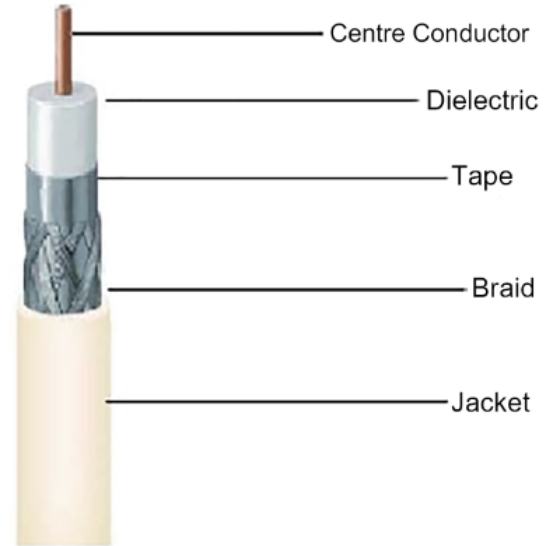
SCP PART#: RG6/U-P-ETL-WT

DESCRIPTION:

RG6/U Dual Shield Plenum Coax -18awg CCS, 60% AL Braid, ETL, CMP Jkt- White -1000ft Spool

Construction

Center Conductor Material	Copper Clad Steel
Center Conductor Gauge	18AWG
Diameter Over Center Conductor	1.024 ± 0.008mm (0.040 inch)
Dielectric Material	Foam FEP
Diameter Over Dielectric	4.32 ± 0.15 mm (0.17 inch)
Inner Shield Foil	LST (Laminated Shielding Tape)
Inner Shield Braid Gauge	34 AWG Alum Braining Wire 60% Coverage
Shield Foil	LST (Laminated Shielding Tape)
Shield Braid Gauge	34 AWG Alum Braiding Wire 40% Coverage
Jacket Material	Plenum PVC
Jacket Nominal Tickness	0.46mm (0.018 inch) Average
Diameter Over Jacket, nominal	6.0 ± 0.3mm (0.236 inch



Product Classification

Product Type	Coaxial Video Cable
Cable Type	Series 6
Center Conductor Type	Solid
Construction Type	Non-armored
Jacket Color	White
Supported Application	Video

Electrical Properties

Operationg Temp	-20°C ~ +75°C
Spark Test	2500V
Capacitance	16.0pF/FT.Nom. 52.5pF/m.Nom.
Characteristic Impedance	75.0±3.0 Ohms
Velocity Propagation	84.0% Nom.
DCR Conductor	28.6 Ohms/1000 FT. 93.8 Ohms/Km
SRL	20dB(1 thru 300MHz)100% Swept Tested

Attenuation

Frequency (MHz)	Attenuation (dB/100 ft)	Attenuation (dB/100 m)
1.0	0.42	1.38
10.0	0.95	3.12
50.0	1.60	5.25
100.0	2.20	7.22
200.0	3.20	10.50
400.0	4.70	15.42
700.0	6.60	21.65
900.0	7.90	25.92
1000.0	8.20	26.90
1200.0	8.80	28.87
1450.0	10.10	33.14
1800.0	11.80	38.71
2200.0	13.50	44.29
3000.0	16.50	54.13