

RG6 Dual Shield Outdoor

18AWG • Dual Shielded • Direct Burial Rated
UV Resistant • 3GHz • Solid Copper

Packaging Available

- 500ft Reel
- 1000ft Reel

Jacket Colors

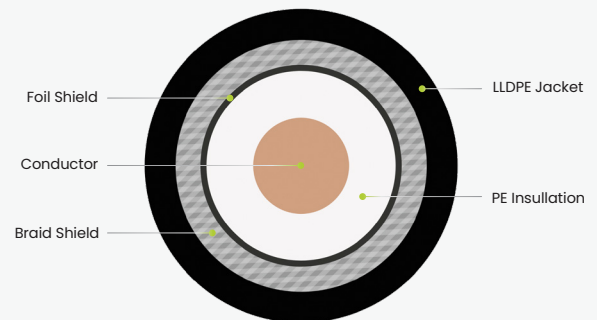


Key Features

- Dual Shielded – 60% AL Wire Braiding & 100% AL Bonded Foil
- 18AWG Solid Bare Copper Conductor
- ANSI/TIA Certified to 568.4-D CATV RG6 @ 150ft.
- Direct Burial Rated & UV Resistant
- Sweep Tested up to 3GHz
- RoHS-3 Compliant
- cETLus Certified

Technical Data

Insulation	Foam PE	Conductor	Solid Bare Copper
Average Thickness (mm)	1.84	Size	18AWG
Layers of Shielding	2	Conductor Dia. ($\pm 0.008\text{mm}$)	1.02
Insulation Dia. ($\pm 0.2\text{mm}$)	4.70	Shield	Dual Shield
		AL Foil	100%
		Aluminum Braid	60%
Jacket	LLDPE		
Average Thickness (mm)	0.77		
Min. Point Thickness (mm)	0.7		
Overall Diameter ($\pm 0.2\text{mm}$)	6.8		



Operating & Storage Temp.	-40°C to 75°C / -40°F to 167°F
Installation Temp.	-20°C to 75°C / -4°F to 167°F
Max. Operating Voltage	300v
Min. Bend Radius	4.1cm / 1.75in
Max. Installation Tension	178N / 40lbf

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Performance

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)	Return Loss (dB)
50	1.445	4.742	29.698
200	2.519	8.263	32.752
700	4.994	16.385	28.442
1000	6.194	20.322	30.439
1450	7.375	24.197	27.908
2200	9.899	32.478	23.346
2500	10.814	35.479	22.428
3000	11.872	38.950	23.685

Electrical Characteristics

Nominal Capacitance	15.6 pF/ft	Product Rating	UL / CSA
Nominal Impedance	75±3 Ω	Flammability Test	N/A
DC Loop Resistance @ 68° F	18.6 Ω/1000 ft	NVP	84%
Center Conductor DC Resistance @ 68° F	6.6 Ω/1000 ft	Jacket Spark Test Voltage AC	3000V

Mechanical Characteristics

Before Aging Tensile Strength (Mpa)	>15.0
Elongation (%)	>500

Print Legend

RG6/U DUAL SHIELD CMX, SOLID COPPER, 75 Ω



Cable ID: 6DSCMXBCWHT 07/21 JACKET DATE

Test Limit: TIA 568C.4 CATV RG6

Limits Version: V7.6
Date / Time: 09/16/2021 02:57:57 PM
Operator: DON S
Cable Type: RG-6/U (75 Ohms)
NVP: 84.0%

Main: Versiv
S/N: 1924100
Software Version: V6.6 Build 2
Calibration Date: 11/14/2020
Adapter: DSX-8000 (DSX-CHA003)
S/N: 4995379

Test Summary: PASS

Remote: Versiv
S/N: 1917273
Software Version: V6.6 Build 2
Calibration Date: 11/14/2020
Adapter: DSX-8000R (DSX-CHA003)
S/N: 4995368

Impedance (ohms), Limit 67-83	76
Length (ft), Limit 151	150
Prop. Delay (ns)	181
Resistance (ohms)	2.49
HDTDR (%), Limit +/-15.0	-9.0
Insertion Loss (dB)	10.8
Frequency (MHz)	1002.0
Limit (dB)	11.2
Margin (dB)	0.4

