

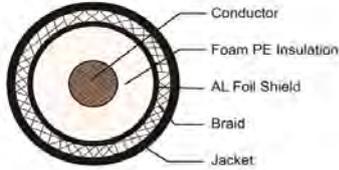


COAXIAL CABLE

RG6CMR

CMR(Riser Rated)

Cable Structure



Electrical Performance (20 °C)

Operation Temperature (°C)	-40 to +60
Impedence (Ω)	75±3
Capacitance (pF/FT)	15.5
Conductor DCR (Ω /1000FT)	≤28.6
Velocity of Propagation (%)	84
Votlage Rating	300V

Applicable Standard

c(ETL)	Indoor Communication
RoHS	Compliant

Construction & Specifications

•Conductor: 18AWG Copper Clad Steel(CCS)	1.02±0.05mm
•Insulation: Gas Expanded Polyethylene (Foam PE)	4.57±0.05mm
•Shield 1 : Bonded AL/PET Tape, Overlap 18%	
•Shield 2: AL-MG Alloy Wire Braid, Coverage 60±1%	
•Jacket: Premium grade Black or White PVC jacket	6.80±0.15mm

Jacket Physical Properties

Before Aging Tensile Strength (MPa)	≥ 13.5
Before Aging Elongation (%)	≥ 150
Aging Period (°C x hrs)	100°C x 24h x 7d
After Aging Tensile Strength (MPa)	≥12.5
After Aging Elongation (%)	≥ 125

Technical Performance

Tested under temp. 20°C (68 °F)

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	2.66	865	20.01
55	5.25	1000	21.49
187	9.35	1450	26.16
300	11.64	1800	29.08
450	14.43	2200	32.13
600	16.73	2500	34.42
750	18.54	3000	39.50

Packing

1,000' Pull Box // pallet



Printing:

PSI DATA RG6/U 18AWG CMR FT4 ***** VERIFIED TO c(ETL)us CATV SWEPT TO 3.0GHZ 0000FT/1000FT

Remarks:

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