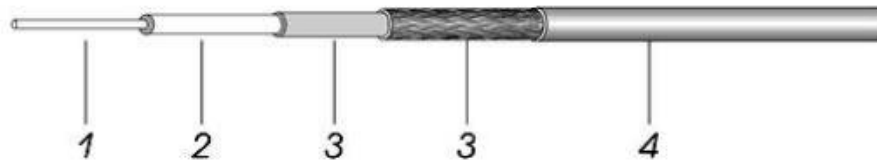




CATM5004-CA400

400 SERIES COAX CABLE, 50OHM, BLACK PE JACKET



Construction Specification

		Material	Diameter (mm)
1	Inner Conductor	Copper Clad Aluminum (CCA)	2.77
2	Dielectric	Foam PE	7.24
3	Shielding	Bonded Aluminum foil + 168/0.16mm Tinned Copper Clad Aluminum wire (TCCA)	
4	Jacket	PVC – RoHS (black-color)	10.30

Electrical Characteristics

Capacitance (pF/m)	78.40
Impedance (ohm)	50
Velocity (%)	85
Inner conductor DC Resistance(Ω / km)	2.92
Outer conductor DC Resistance(Ω / km)	5.41
Shielding Effectiveness(dB)	>90
Cutoff Frequency	16.2
Peak Power	16KW

Attenuation and Avg. Power (20 ° C)

Frequency (MHz)	Attenuation dB (100m / 100ft)
30	0.84
150	1.47
220	1.75
450	2.38
900	2.99
1600	3.39
1800	4.70
2000	5.99

Mechanical & Environmental Characteristics

Min. Bend Radius (mm/inch)	51 / 2.0
Operating temp. (° C)	- 40 to + 80
Tensile Strength (kg / lb)	72.6 / 160
RoHS Compliant	YES