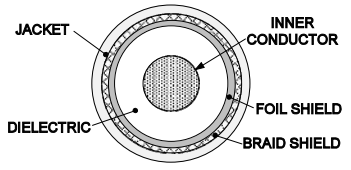
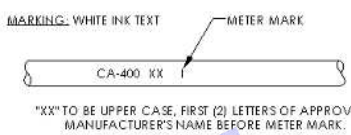


Low Loss Coaxial Cable Specification CA-400

Specification	400 SERIES	Construction DWG.	
Construction Item	Component		
Inner Conductor	Diameter		.108" [2.74mm]
	Material		Copper Clad Aluminum
Dielectric	Diameter		.285" [7.24mm]
	Material		Physical Foam Polyethylene
Foil Shield	Diameter		.291" [7.39mm]
	Material		Aluminum Foil/Poly Tape
Braid Shield	Diameter		.320" [8.13mm]
	Material		Tinned Copper Braid
Jacket	Diameter		.405" [10.29mm]
	Material	UV Resistant Polyethylene	
	Color	Black	
		<p style="text-align: center;">Marking On Surface</p> 	
Electrical Characteristics		Attenuation (Typical)	
Capacitance (pF/m)	77.1	Frequency (MHz)	Attenuation dB (100m / 100ft)
Impedance (Ohms)	50	30	2.2 / 0.7
Velocity (%)	85	50	2.9 / 0.9
Center Conductor Resistance (Ω /km)	4.6	150	5.0 / 1.5
		220	6.10 / 1.86
Outer Conductor Resistance (Ω /km)	6.88	450	8.9 / 2.7
		900	12.8 / 3.9
Shielding Effectiveness (dB)	>90	1500	16.8 / 5.13
Cutoff Frequency (GHz)	16.2	1800	18.6 / 5.67
Peak Power (kW)	16	2000	19.6 / 6.0
		2500	22.2 / 6.8
		5800	35.5 / 10.8
Mechanical and Environmental Characteristics			
Min. Bending Radius (Static)	1.0" [25.4mm]	Tensile Strength (kg/lb)	72.6 / 160
Min. Bend Radius: (Repeat)	4.0" [101.6mm]		
Operating Temp (°C)	-40°C to +80°C	Cable Weight(kg/m)(lb/ft)	.099 / .068
Listings/Ratings:			
ROHS			
Packaging:			
CABLE PACKAGED ON BULK REELS (EX. 500 FT REEL, 1000 FT REEL) SHALL BE ONE CONTINUOUS PIECE OF CABLE. USING INDIVIDUAL CABLE SPLICES TO MAKE A REQUIRED BULK REEL LENGTH IS NOT ACCEPTABLE. CABLE LENGTH TOLERANCE = +5% / -0%			

