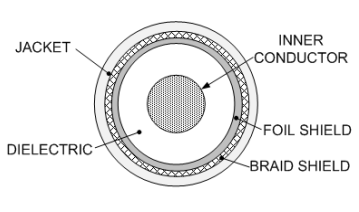
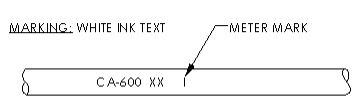


Low Loss Coaxial Cable Specification

Specification		600 SERIES		Construction DWG.	
Construction Item		Component			
Inner Conductor	Diameter	.18" [4.47mm]			
	Material	Solid Copper Clad Aluminum			
Dielectric	Diameter	.450" [11.43mm]			
	Material	Physical Foam Polyethylene			
Foil Shield	Diameter	.455" [11.56mm]			
	Material	Bonded Aluminum Foil			
Braid Shield	Diameter	.492" [12.50mm]			
	Material	Tinned Copper Braid			
Jacket	Diameter	.590" [14.99mm]			
	Material	UV Resistant Polyethylene			
	Color	Black			
				Marking On Surface	
				 <p style="font-size: small;"> MARKING: WHITE INK TEXT METER MARK "XX" TO BE UPPER CASE, FIRST (2) LETTERS OF APPROVED MANUFACTURER'S NAME BEFORE METER MARK. </p>	
Electrical Characteristics			Attenuation (Typical)		
Capacitance (pF/m)	76.8	Frequency (MHz)	Attenuation dB (100m / 100ft)		
Impedance (Ohms)	50	30	1.4 / 0.4		
Velocity (%)	87	50	1.8 / 0.6		
Center Conductor Resistance (Ω/km)	1.09	150	3.2 / 1.0		
		220	3.9 / 1.2		
Outer Conductor Resistance (Ω/km)	3.94	450	5.6 / 1.7		
		900	8.2 / 2.5		
Shielding Effectiveness (dB)	>90	1500	10.9 / 3.3		
Cutoff Frequency (GHz)	10.3	1800	12.1 / 3.7		
Peak Power (kW)	40	2000	12.8 / 3.9		
		2500	14.5 / 4.4		
		5800	23.8 / 7.3		
Mechanical and Environmental Characteristics					
Min. Bend Radius (Static)	1.50" [38.1mm]	Min. Bending Radius (in/mm) (repeated)	6.0 [152.4]		
Min. Bend Radius (Repeat)	6.0" [152.4mm]				
Operating Temp (°C)	-40°C to +85°C	Cable Weight (kg/m)(lb/ft)	.195 / .131		
Listings/Ratings:					
ROHS, CE					
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%					