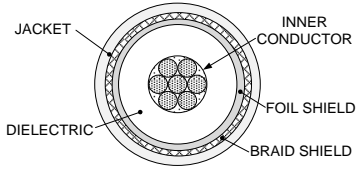
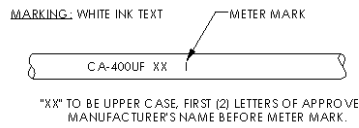


Low Loss Coaxial Cable Specification

Specification		400 SERIES ULTRA FLEX	Construction DWG.	
Construction Item		Component		
Inner Conductor	Diameter	.108" [2.74mm]		
	Material	Stranded Bare Copper		
Dielectric	Diameter	.285" [7.24mm]		
	Material	Physical Foam Polyethylene		
Foil Shield	Diameter	.290" [7.39mm]		
	Material	Aluminum Foil/Poly Tape		
Braid Shield	Diameter	.320" [8.13mm]		 <p>*"XX" TO BE UPPER CASE, FIRST (2) LETTERS OF APPROVED MANUFACTURER'S NAME BEFORE METER MARK.</p>
	Material	Tinned Copper Braid		
Jacket	Diameter	.405" [10.29mm]		
	Material	Thermoplastic Elastomer		
Color	Black			
Electrical Characteristics			Attenuation (Typical)	
			Frequency MHz	Attenuation dB (100 m / 100 ft)
Impedance (Ohms)	50		30	2.7 / 0.8
Velocity (%)	85		50	3.5 / 1.1
Center Conductor Resistance (Ω/km)	3.51		150	6.1 / 1.8
			220	7.4 / 2.2
Outer Conductor Resistance (Ω/km)	5.40		450	10.7 / 3.3
			900	15.4 / 4.7
Shielding Effectiveness (dB)	>90		1500	20.2 / 6.2
Cutoff Frequency (GHz)	16.2		1800	22.3 / 6.8
Peak Power (kW)	16		2000	23.6 / 7.2
			2500	26.6 / 8.1
			5800	42.6 / 13.0
Mechanical and Environmental Characteristics				
Min. Bending Radius (Static)	1.0" [25.4mm]	Tensile Strength (kg/km) (kg/lb.)	88 / 194	
Min. Bend Radius: (Repeat)	4.0" [101.6mm]			
Operating Temp (°C)	-40°C to +85°C	Cable Weight (kg/m) (lb./ft)	.131 / .088	
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%				