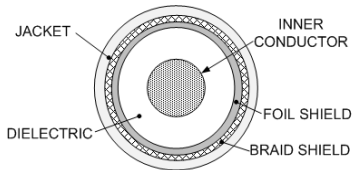
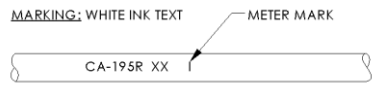


Low Loss Coaxial Cable Specification

Specification		195R SERIES	Construction DWG.			
Construction Item		Component				
Inner Conductor	Diameter	.037" [0.94mm]				
	Material	Solid Bare Copper				
Dielectric	Diameter	.109" [2.79mm]				
	Material	Physical Foam Polyethylene				
Foil Shield	Diameter	.116" [2.95mm]			Marking On Surface	
	Material	Aluminum Foil/Poly Tape				
Braid Shield	Diameter	.139" [3.53mm]			 <p>MARKING: WHITE INK TEXT METER MARK</p> <p>"XX" TO BE UPPER CASE, FIRST (2) LETTERS OF APPROVED MANUFACTURER'S NAME BEFORE METER MARK.</p>	
	Material	Tinned Copper Braid				
Jacket	Diameter	.195" [4.95mm]				
	Material	Flame Resistant -PVC				
		Color	Black			
Electrical Characteristics			Attenuation (Typical)			
Capacitance (pF/m)	83.3	Frequency (MHz)	Attenuation dB (100m / 100ft)			
Impedance (Ohms)	50	30	6.5 / 2.0			
Velocity (%)	80	50	8.4 / 2.6			
Center Conductor Resistance (Ω/km)	25	150	14.6 / 4.4			
		220	17.70 / 5.4			
Outer Conductor Resistance (Ω/km)	17	450	25.5 / 7.8			
		900	36.5 / 11.1			
Shielding Effectiveness (dB)	>90	1500	47.7 / 14.5			
Cutoff Frequency (GHz)	41.0	1800	52.5 / 16.0			
Peak Power (kW)	2.5	2000	55.4 / 16.9			
		2500	62.4 / 19.0			
		5800	98.1 / 29.9			
Mechanical and Environmental Characteristics						
Min. Bend Radius (Static)	1.0" [25mm]	Tensile Strength (kg/lb)	18.2 / 40			
Min. Bend Radius (Repeat)	2.0" [50.8mm]					
Operating Temp (°C)	-25°C to +70°C	Cable Weight (kg/m)(lb/ft)	.035kg / .02lb			
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%						

F

F