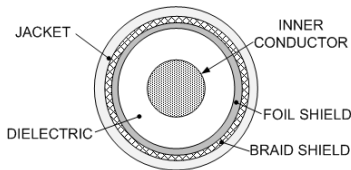
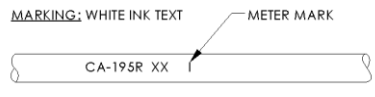


Low Loss Coaxial Cable Specification

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]		
	Material	Aluminum Foil/Poly Tape		
Braid Shield	Diameter	.139" [3.53mm]		<p>Marking On Surface</p>  <p>MARKING: WHITE INK TEXT METER MARK</p> <p>CA-195R XX</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)	24.9	150	14.6 / 4.4	
		220	17.70 / 5.4	
Outer Conductor Resistance (Ω/km)	16.1	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. Bending Radius (in/mm)	.50" [12.7mm]	Tensile Strength (kg/lb)	18.2 / 40	
Operating Temp (°C)	-20°C to +60°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.				