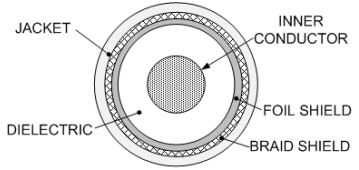


**Low Loss Coaxial Cable Specification**

Specification		195RW SERIES	Construction DWG.	
Construction Item		Component	 <p><b>Marking On Surface</b></p> <p>MARKING: BLACK INK TEXT      METER MARK</p> <p>CA-195RW XX</p> <p>"XX" TO BE UPPER CASE, FIRST (2) LETTERS OF APPROVED MANUFACTURER'S NAME BEFORE METER MARK.</p>	
Inner Conductor	Diameter	.037" [0.94mm]		
	Material	Solid Bare Copper		
Dielectric	Diameter	.110" [2.79mm]		
	Material	Physical Foam Polyethylene		
Foil Shield	Diameter	.116" [2.95mm]		
	Material	Bonded Aluminum Foil		
Braid Shield	Diameter	.139" [3.53mm]		
	Material	Tinned Copper Braid		
Jacket	Diameter	.195" [4.95mm]		
	Material	Flame Resistant - PVC		
	Color	White		
<b>Electrical Characteristics</b>		<b>Attenuation (Typical)</b>		
Capacitance (pF/m)	83.3	Frequency (MHz)	Attenuation dB (100m / 100ft)	
Impedance (Ohms)	50	30	7.4 / 2.3	
Velocity (%)	80	50	9.4 / 2.9	
Center Conductor Resistance (Ω/km)	25	150	14.6 / 4.4	
		220	17.7 / 5.4	
Outer Conductor Resistance (Ω/km)	18.9	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	
<b>Mechanical and Environmental Characteristics</b>				
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	
<b>Listings/Ratings:</b> ROHS				
<b>Packaging:</b> 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%				

