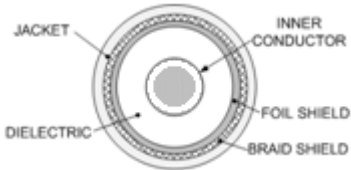


**Low Loss Coaxial Cable Specification**

Specification		900DB-TW SERIES	Construction DWG.		
Construction Item		Component			
Inner Conductor	Diameter	.26" [6.65mm]			
	Material	Bare Copper Tube			
Dielectric	Diameter	.680" [17.27mm]			
	Material	Foam Polyethylene			
Foil Shield	Diameter	-			
	Material	Bonded Aluminum Foil			
Braid Shield	Diameter	.732" [18.59mm]			<b>Marking On Surface</b>
	Material	Tinned Plated Copper Braid			N/A
Jacket	Diameter	.870" [22.10mm]			
	Material	UV Resistant Polyethylene			
	Color	Black			
<b>Electrical Characteristics</b>			<b>Attenuation (Typical)</b>		
Capacitance (pF/ft)	23.4	Frequency (MHz)	Attenuation (dB/100ft) (Average power kW)		
Impedance (Ohms)	50	150	0.7 / 3.89		
Velocity (%)	87	220	0.84 / 3.19		
Center Conductor DC Resistance (Ω/1000 ft)	<0.54	450	1.24 / 2.19		
		900	1.83 / 1.51		
Outer Conductor DC Resistance (Ω/1000 ft)	<0.57	1500	2.44 / 1.14		
		1800	2.69 / 1.03		
Shielding Effectiveness (dB)	>90	2000	2.83 / 0.97		
Cutoff Frequency (GHz)	6.9	2500	3.23 / 0.86		
Peak Power (kW)	62	5800	5.60 / 0.52		
<b>Mechanical and Environmental Characteristics</b>					
Min. Bend Radius (Static)	3.07" [76.2mm]	Repeated Bend Radius	8.86" [225.0mm]		
Flexible Application Radius	13.0" [330.2mm]				
Operating Temp	-40°C to +85°C	Cable Weight	0.266 lb/ft		
<b>Listings/Ratings:</b> ROHS					
<b>Packaging:</b> BULK REEL REQUIREMENTS 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.					

(Information subject to change without notice)