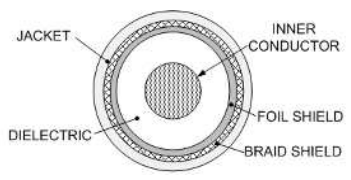
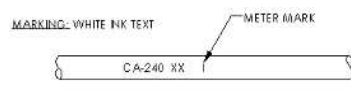


# Low Loss Coaxial Cable Specification CA-240

Specification	240 SERIES	Construction DWG.			
Construction Item	Component				
Inner Conductor	Diameter			.056" [1.42mm]	
	Material			Solid Bare Copper	
Dielectric	Diameter			.15" [3.81mm]	
	Material			Physical Foam Polyethylene	
Foil Shield	Diameter			.155" [3.94mm]	
	Material			Bonded Aluminum Foil	
Braid Shield	Diameter			.178" [4.52mm]	
	Material			Tinned copper braid	
Jacket	Diameter			.240" [6.10mm]	
	Material	UV Resistant Polyethylene			
	Color	Black			
		<b>Marking On Surface</b>			
		 <p style="font-size: small;">"XX" TO BE UPPER CASE, FIRST (2) LETTERS OF APPROVED MANUFACTURER'S NAME BEFORE METER MARK.</p>			
<b>Electrical Characteristics</b>		<b>Attenuation (Typical)</b>			
Capacitance (pF/m)	79.4	Frequency (MHz)	Attenuation dB (100m / 100ft)		
Impedance (Ohms)	50	30	4.4 / 1.3		
Velocity (%)	84	50	5.7 / 1.7		
Center Conductor Resistance (Ω/km)	11.2	150	9.9 / 3.0		
		220	12.0 / 3.7		
Outer Conductor Resistance (Ω/km)	14	450	17.3 / 5.3		
		900	24.8 / 7.6		
Shielding Effectiveness (dB)	>90	1500	32.4 / 9.9		
Cutoff Frequency (GHz)	31.0	1800	35.6 / 10.9		
Peak Power (kW)	5.6	2000	37.7 / 11.5		
		2500	42.4 / 12.9		
		5800	66.8 / 20.4		
<b>Mechanical and Environmental Characteristics</b>					
Min. Bend Radius (Static)	1.2" [30mm]	Tensile Strength (kg/lb)	36.3 / 80		
Min. Bend Radius: (Repeat)	2.5" [63.5mm]				
Operating Temp (°C)	-40°C to +80°C	Cable Weight(kg/m)(lb/ft)	.049 / .034		
<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%					

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