



## LWC-195 Low Loss Cable

Physical Description					
				O/D	Material
Conductor	-	-	-	0.94mm	Solid Bare Copper
				O/D	Material
Dielectric	-	-	-	2.79mm	Foam PE
				O/D	Material
Outer Conductor	-	-	-	2.95mm	Aluminum Tape
			Coverage	O/D	Material
Braid	-	-	80~85%	3.53mm	Tined Copper
	Color			O/D	
Jacket	Black	-	-	4.95mm	PE
Cable Printing	LWC-195 Low Loss 50Ω 1m 2m 3m etc				
Mechanical Properties					
Min Bend Radius	50.800mm				
Operating Temp	-40 ~ 85C°				
Weight/100met	3Kg on plastic reel				
Electrical Properties – 20C°					
Impedance	50Ω@ 30~1800MHz				
Capacitance	83.3 pF/m nom. @ 1 KHz				
Propagation	80% nom				
DC Rest of conductor	Inner Conductor 24.9Ω/Km max. Outer Conductor 6.1Ω/Km max				
Frequency MHz			Max. Attenuation dB/100m		
450			25.5		
900			36.5		
1500			47.7		
1800			52.5		
2000			55.4		
2500			62.4		