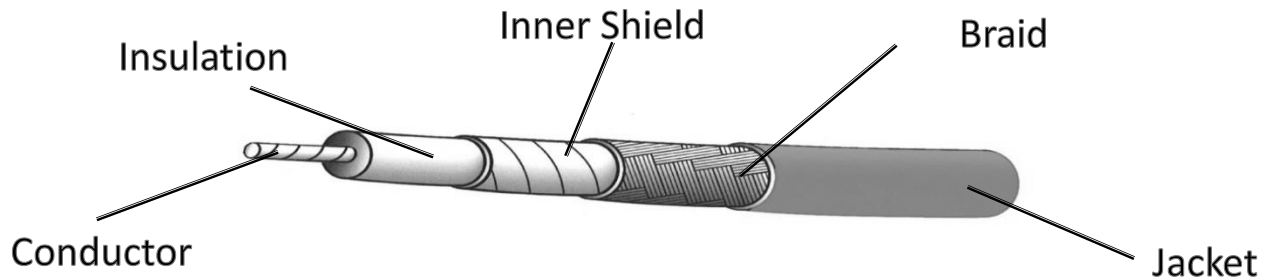


# CFD240 Coaxial Cable Assembly



**Part No.: WLC-SLL-XXX**

**WLC-SLL Coaxial Cable Assembly**



## Construction

Conductor	Insulation	Inner Shield	Outer Shield	Jacket
Material: Solid Copper Wire Diameter: 1.42mm (0.056")	Material: Foam Polyethylene Diameter: 3.81mm (0.15")	Material: Aluminum/PE Tape Diameter: 3.92mm (0.154")	Coverage: 84% (Approx.) Diameter: 4.5mm (0.177")	Material: Black PE or Black Non Lead PVC Diameter: 6.1mm (0.24")

## Physical Characteristics

Description	Specification
Weights	0.050kg/m (PE) or 0.057kg/m (PVC)
Operating Temperature	-40~85°C
Min. Bend Radius	19.1mm (0.75")

## Electrical Characteristics

Frequency	Attenuation (dB/m)
	Typ.
0.03GHz	0.046
0.05GHz	0.057
0.15GHz	0.099
0.22GHz	0.12
0.45GHz	0.173
0.9GHz	0.248
1.5GHz	0.324
1.8GHz	0.356
2.0GHz	0.377
2.5GHz	0.424
5.8GHz	0.668

Description	Specification
Impedance	50 Ω @ 200MHz
Capacitance	79.0 pF/m
Velocity of Propagation	84%
Conductor Resistance Inner Conductor	10.5 Ω/km
Insulation Resistance	Min. 1000 MΩ/km

Remark: Estimation of Cable Assembly Loss = Connector Loss + Assembly Loss + Cable Loss