

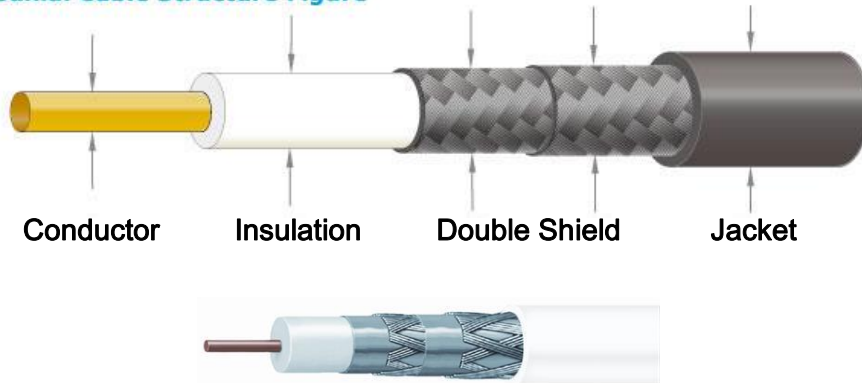


# Coaxial Cable

**Part No.: WCBA-W5781-F15-XXX**

**3GHz CS5781 BNC Male - BNC Male Cable Assembly/L: XX cm**

Coaxial Cable Structure Figure



## Construction

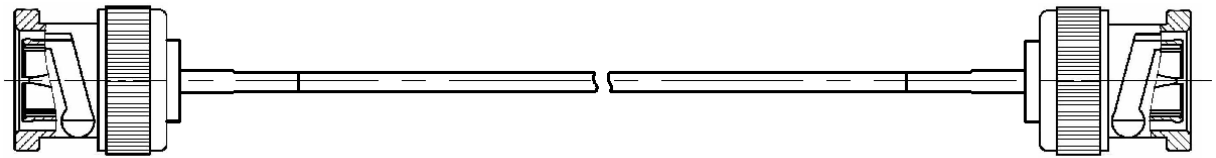
Conductor	Insulation	Double Shield	Jacket
Material: Copper Steel Min 40% Copper contain Diameter: 1.02±0.1mm (0.04")	Material: Gas injected Foam Poly Ethylene Diameter: 4.57±0.1mm (0.189")	Material: Quad Shield AL foil 60% AL Braid AL foil and 40% AL Braid Construction: 16/4/0.16±0.005mm	Material: PVC Color: white Diameter: 6.09±0.1mm (0.24")

## Electrical Characteristics

Frequency (MHz)	Attenuation(dB/m)
1	0.0025
50	0.0141
100	0.0192
400	0.0373
1200	0.0673
2500	0.0997
3000	0.1092

Description	Specification
Impedance	75±3Ω
Capacitance	53.1 pF/m
Velocity of Propagation	82%

## Schematic Drawing



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

**WALT**