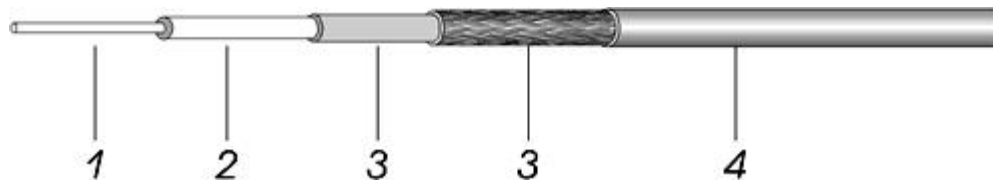


Wilson400**Low Loss Cable****Construction Specification**

		<i>Material</i>	<i>Diameter (mm)</i>
1.	Inner Conductor	Copper Clad Aluminum (CCA)	2.77
2.	Dielectric	Foam PE	7.24
3.	Shielding	Bonded Aluminum foil + 168/0.16mm Tinned Copper Clad Aluminum wire (TCCA)	
4.	Jacket	PVC – RoHS (black-color)	10.30

Electrical Characteristics

Capacitance (pF/m)	78.40
Impedance (ohm)	50
Velocity (%)	85
Inner conductor DC Resistance (Ω / km)	2.92
Outer conductor DC Resistance (Ω / km)	5.41
Shielding Effectiveness(dB)	>90
Cutoff Frequency	16.2
Peak Power	16KW

Mechanical & Environmental Characteristics

Min. Bend Radius (mm/inch)	51 / 2.0
Operating temp. (° C)	- 40 to + 80
Tensile Strength (kg / lb)	72.6 / 160
RoHS Compliant	YES

Attenuation and Avg. Power (20 ° C)

Frequency (MHz)	Attenuation dB (100m / 100ft)
30	0.84
150	1.47
220	1.75
450	2.38
900	2.99
1600	3.39
1800	4.70
2000	5.99