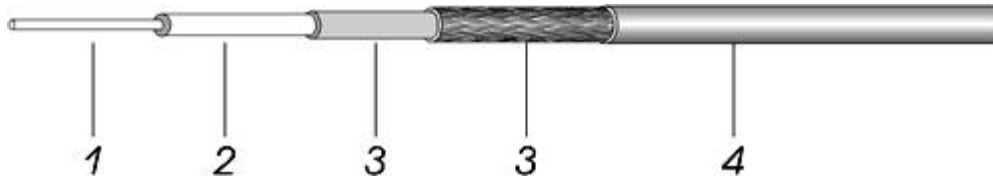


Wilson400
Low Loss Cable

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
Mechanical & Environmental Characteristics

Capacitance (pF/m)	78.40	Min. Bend Radius (mm/inch)	51 / 2.0
Impedance (ohm)	50	Operating temp. (° C)	- 40 to + 80
Velocity (%)	85	Tensile Strength (kg / lb)	72.6 / 160
Inner conductor DC Resistance (Ω / km)	2.92	RoHS Compliant	YES
Outer conductor DC Resistance (Ω / km)	5.41		
Shielding Effectiveness(dB)	>90		
Cutoff Frequency	16.2		
Peak Power	16KW		

Attenuation and Avg. Power (20 ° C)

<i>Frequency (MHz)</i>	<i>Attenuation dB (100ft)</i>
30	.75
150	1.6
220	1.9
450	2.7
900	4.2
1600	5.2
1800	5.9
2000	6.6