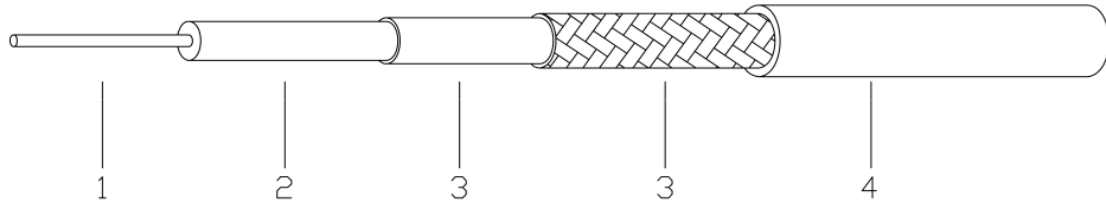


# Low Loss 400 Cable



## Construction Specification

structure	Diameter(mm)	Materials
1.Inner Conductor	2.74 ± 0.02	Solid Copper or Copper clad Aluminum
2.Dielectric	7.24 ± 0.13	Foam PE
3. Braid	8.13 ± 0.13	Bonded Aluminum Foil + Tinned copper braid
4.Jacket	10.29 ± 0.18	Black PE or PVC

## Electrical Characteristics

Impedance	50Ohm
Velocity(%)	85%
Bent Radius (mm)	51
Inner Conductor DC Resistance( $\Omega$ /km)	2.92
Outer Conductor DC Resistance( $\Omega$ /km)	5.41
Shielding Effectiveness(dB)	>90
Temperature Scope	-40 to 200°C

## Mechanical Characteristics

Storage Temp. (°C)	-70 to +85
Installation Temp. (°C)	-40 to +80
Operating Temp. (°C)	-40 to +80

Attenuation & Average Power @ 20°C and Seal Level

Frequency (MHz)	Attenuation (dB/100m)	Avg. Power (kw)
30	2.20	2.91
50	2.90	2.21
150	5.00	1.28
220	6.10	1.05
450	8.90	0.72
900	12.80	0.50
1500	16.80	0.38
1800	18.60	0.34
2000	19.60	0.33
2500	22.20	0.29
5800	35.50	0.18