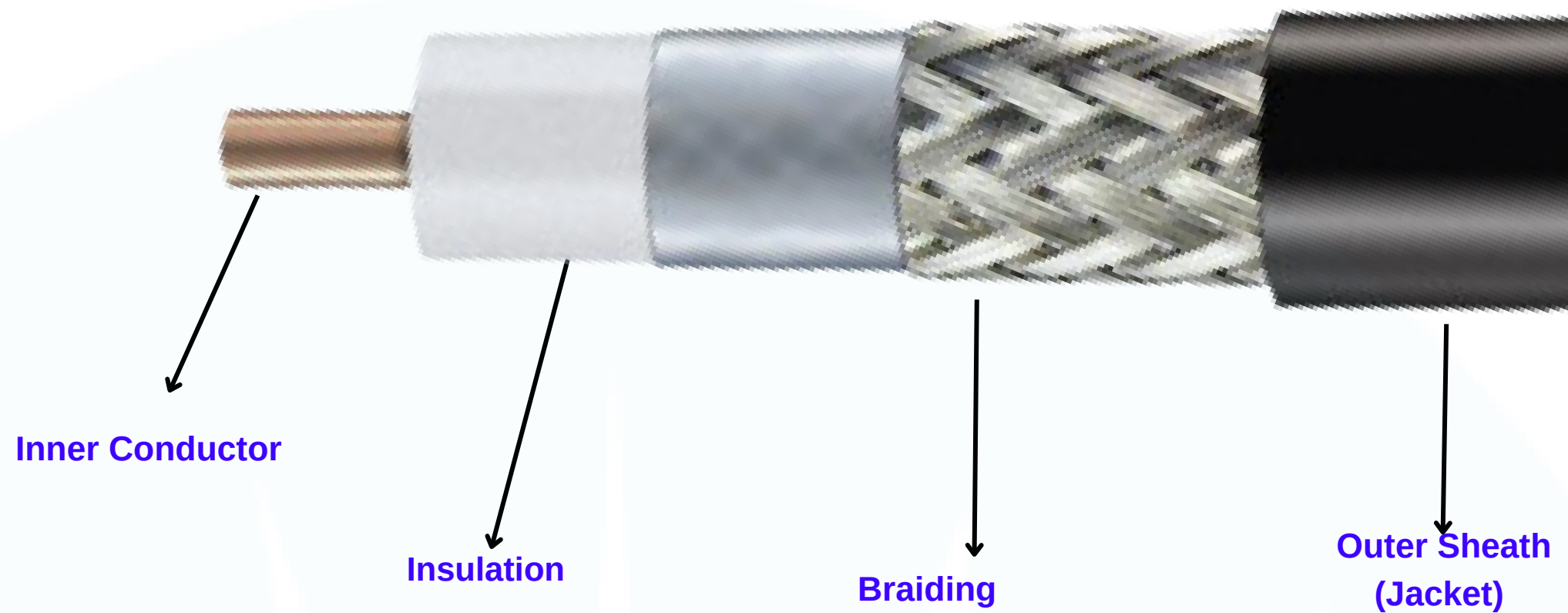


# LMR/HLF/GLI/OCT 600 Coaxial Cable



An ISO 9001:2015 Certified Company



## Technical Specifications:

### Electrical & Mechanical Data

Operation Frequency	30 ~ 6000 MHz
Characteristic Impedance	50 $\Omega$
Velocity of Propagation, Nom.	86 %
Capacitance, Nom.	23.3 nF/kft (76.6 nF/km)
Inner Conductor Resistance @ 20°C	0.6 $\Omega$ /kft (3 $\Omega$ /km)
Outer Conductor Resistance @ 20°C	1.2 $\Omega$ /kft (4 $\Omega$ /km)

### Construction

Item	Material	Diameter ( mm )
Center Conductor	Solid Copper Clad Aluminum Wire	4.47 mm
Dielectric	Foamed Polyethylene	11.56 mm
Inner Shield	Sealed APA Tape	11.76 mm
Outer Shield	34AWG, 90% Tinned Copper Braid	12.47 mm
Jacket	Black PE	14.99 mm

### Attenuation @ 20°C

Frequency	dB/100ft	dB/100m	Avg. Power Rating (Kw)
30 MHz	0.43	1.40	5.51
50 MHz	0.55	1.80	4.24
150 MHz	0.98	3.20	2.41
220 MHz	1.19	3.90	1.97
450 MHz	1.71	5.60	1.35
900 MHz	2.50	8.20	0.93
1500 MHz	3.32	10.90	0.70
1800 MHz	3.69	12.10	0.63
2000 MHz	3.90	12.80	0.59
2500 MHz	4.42	14.50	0.52
5800 MHz	7.25	23.80	0.32



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