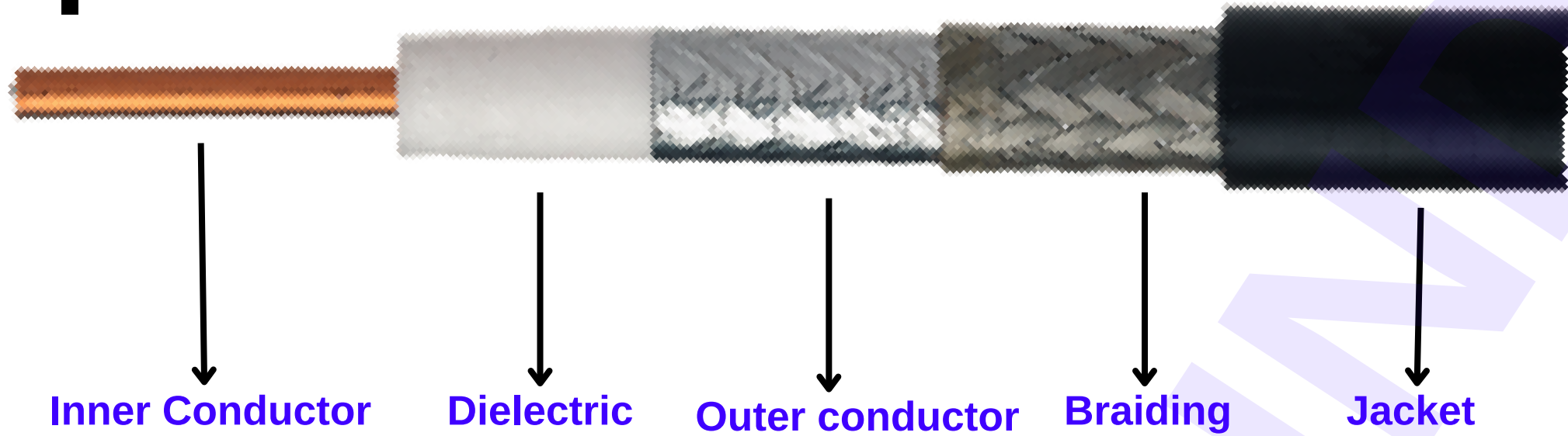


LMR/HLF/OCT/GLI 300 CABLE



An ISO 9001:2015 Certified Company

Scope



Technical Specifications:

Characteristics

Characteristic Impedance	50 Ω
Dielectric Impedance	$\geq 5000 \text{ M}\Omega \cdot \text{km}$
Inner Conductor Impedance	$\leq 10.92 \Omega/\text{km}$
Outer Conductor Impedance	$\leq 7.25 \Omega/\text{km}$
Capacitance	78.8 PF/M
Shielding Effectiveness	$> 90 \text{ dB}$
Velocity of Propagation	85%
Jacket spark (V.RMS)	8000
Min Bend Radius	38mm
Operating Temperature	$-30^\circ\text{C} \sim +70^\circ\text{C}$
Flat Plate Crush Strength	0.54 kg/mm
Tensile Strength	54.5kg
Appearance	No defect
Dielectric Withstand Voltage	2500 V(DC, 1min)
Color	Black/white
Brand	LMR300 /HLF300 /GLI 300/OCT 300
ROSH	Compliant



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LMR/HLF/OCT/GLI 300 CABLE



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Attenuation (20°C)

Frequency (MHz)	DB/100m
50MHz	4.50
150MHz	7.90
220MHz	9.60
450MHz	13.80
900MHz	19.90
1500MHz	26.00
1800MHz	28.70
2000MHz	30.30
2500MHz	34.20
3000MHz	37.50
5800MHz	24.30



Type: Low Loss Cable

VSWR

5~6000MHz	≤1.20/100m
800~1000MHz	≤1.10/100m
1700~2000MHz	≤1.15/100m
2000~2400MHz	≤1.15/100m

Composition

	Material	Dimensions
• Inner Conductor	Solid BCCA	1.78±0.03 mm
• Dielectric	Physical Foam Polyethylene	4.83±0.10 mm
• Outer Conductor	Bonded Aluminum Foil+Al-Mg Wire	5.69 mm
• Braiding	Al Wire	80% Coverage
• Jacket	Black Polyethylene	7.62±0.20 mm



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