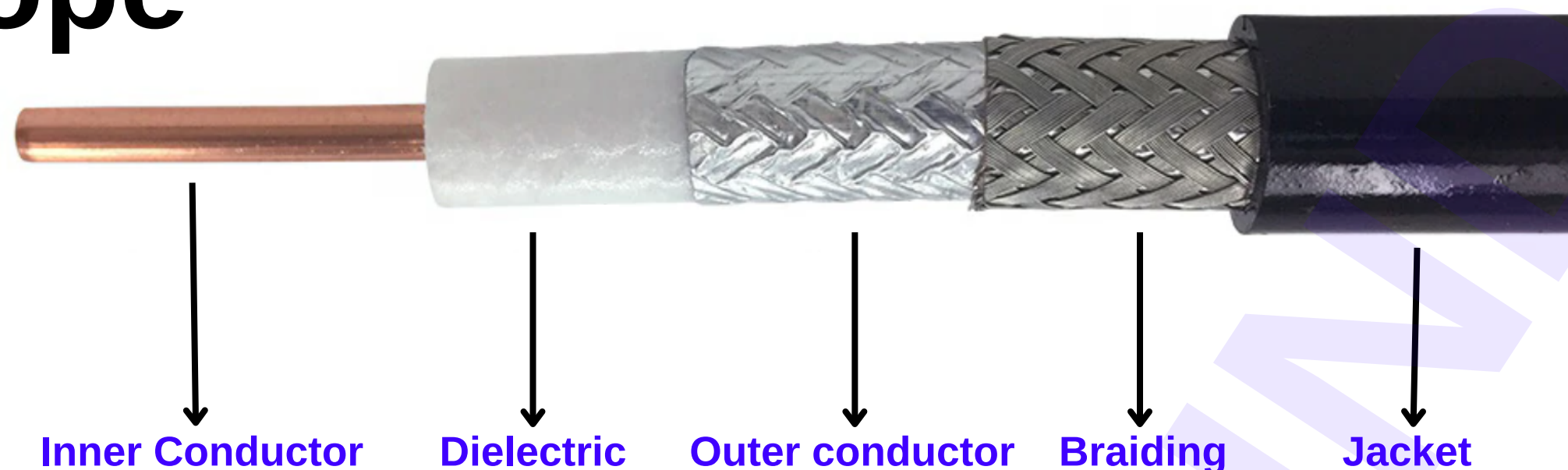


LMR/HLF/GLI/OCT 400 CABLE



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	$\leq 4.60 \text{ }\Omega/\text{km}$
Outer Conductor Impedance	$\leq 5.40 \text{ }\Omega/\text{km}$
Operating Frequency	1~6GHz
Capacitance	78.8 PF/M
Shielding Effectiveness	>90 dB
Velocity of Propagation	85%
Jacket spark (V.RMS)	8000
Min Bend Radius	51mm
Operating Temperature	-30 to +70°C
Flat Plate Crush Strength	0.71 kg/mm
Tensile Strength	72.6 kg
Appearance	No defect
Dielectric Withstand Voltage	2500 V(DC, 1min)
Color	Black/white
Brand	LMR400 /HLF400 /GLI 400/OCT400
ROSH	Compliant

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Attenuation (20°C)

Frequency (MHz)	DB/100m
50MHz	2.90
150MHz	5.00
220MHz	6.10
450MHz	8.90
900MHz	12.80
1500MHz	16.80
1800MHz	18.60
2000MHz	19.60
2500MHz	22.20
3000MHz	24.80
5800MHz	35.50



Type: Low Loss Cable

VSWR

5~6000MHz	$\leq 1.20/100m$
800~1000MHz	$\leq 1.15/100m$
1700~2000MHz	$\leq 1.15/100m$
2000~2400MHz	$\leq 1.15/100m$

Composition

	Material	Dimensions
• Inner Conductor	Solid BCCA	2.74±0.03mm
• Dielectric	Physical Foam Polyethylene	7.24±0.10mm
• Outer Conductor	Bonded Aluminum Foil	8.13
• Braiding	Al Wire	80% Coverage
• Jacket	Black Polyethylene	10.29±0.20 mm



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