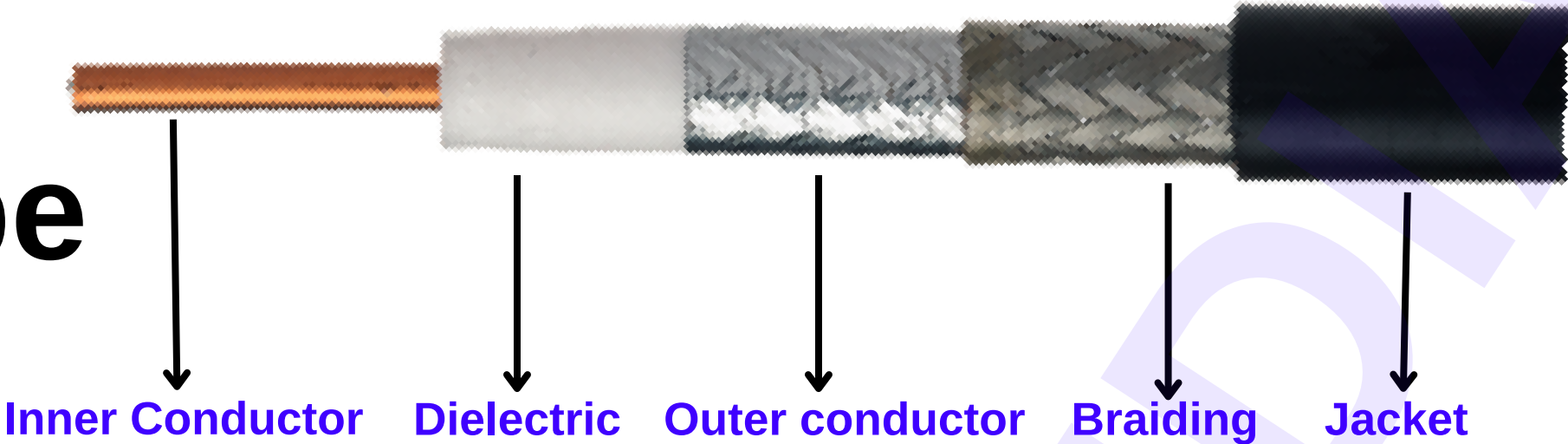


LMR/HLF/GLI/OCT 200 CABLE



Scope



Technical Specifications:

Characteristics

Impedance (ohm)	50 Ω
Capacitance (pF/m)	80.4 pF/m
Velocity of propagation	80 %
Inner conductor DCR	18.4 Ω / m
Outer conductor DCR	16.9 Ω / m
Operating Frequency	1~6GHz
Voltage withstanding	3000 Vrms
Peak power	2.5 KW
Shielding Effectiveness	>90 dB
Operating Temperature	-30 to +70°C
Bending Radius	25 mm
Color	Black/white
Jacket Marking	LMR200 /HLF200 /GLI 200/ OCT200
ROHS	Compliant



Attenuation (20°C)

Frequency (MHz)	DB/100m
30MHz	5.8
50MHz	7.5
150MHz	13.1
220MHz	15.9
450MHz	22.8
900MHz	32.6
1500MHz	42.4
1800MHz	46.6
2000MHz	49.3
2500MHz	60.2
5800MHz	86.5

VSWR

5~6000MHz	$\leq 1.20/100m$
800~1000MHz	$\leq 1.10/100m$
1700~2000MHz	$\leq 1.15/100m$
2000~2400MHz	$\leq 1.15/100m$

Composition

	Material	Dimensions
• Inner Conductor	Bare copper	1.12 mm
• Dielectric	Physical Foam Polyethylene	2.95 mm
• Outer Conductor	Bonded Aluminum Foil+Al-Mg Wire	3.07 mm
• Braiding	Al Wire	80% Coverage
• Jacket	Black Polyethylene	4.95 mm

