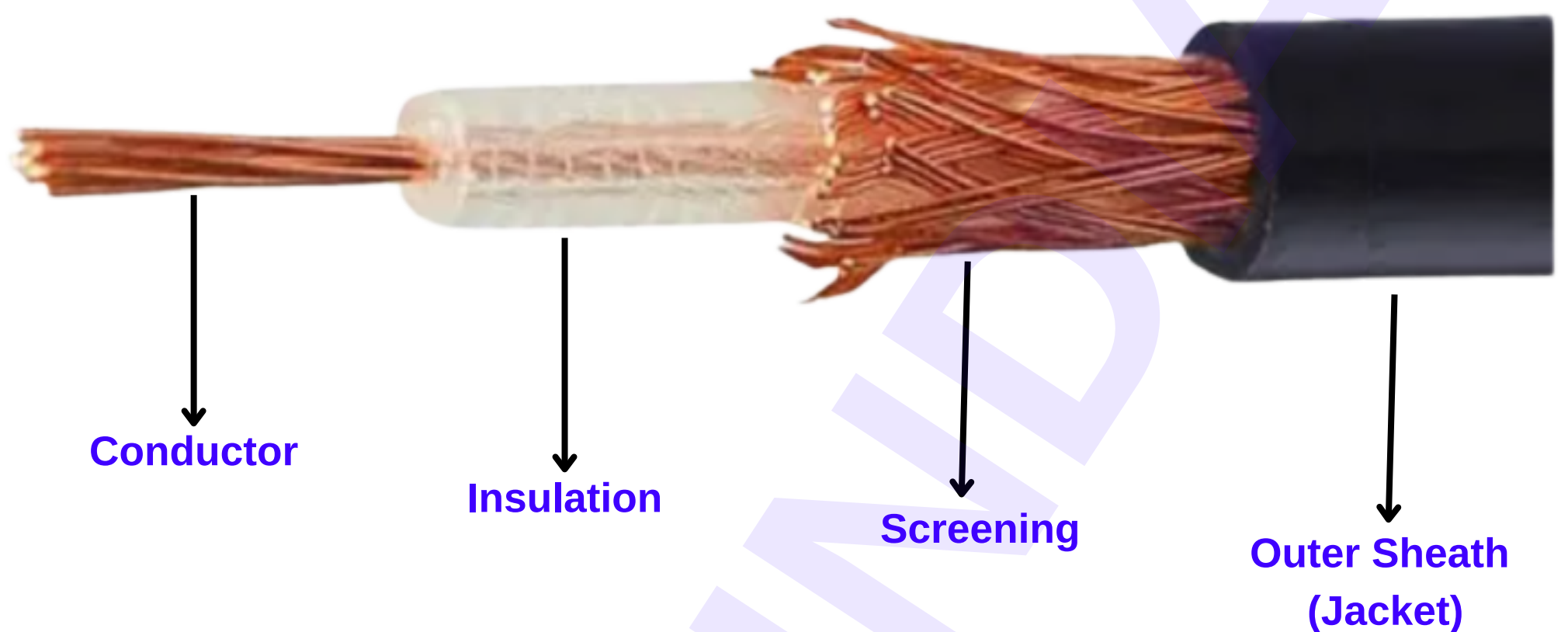


RG-174 CO-AXIAL CABLE



An ISO 9001:2015 Certified Company

Scope



Technical Specifications:

Characteristics

Conductor resistance(max)	125 at 20deg.oC Ω /km
Eccentricity	10.0 % (max)
Spark Test	3.0 +10% kv rms (min)
Capacitance	105.6 Pf/mtr (max)
Impedance	50 +/- 2 Ω s
High Voltage Test (min)	2.0 +10% kv rms/5 minutes

Attenuation (max)

At 50 - Mhz	21.33 dB/100 mtr
At 100 - Mhz	32.8 dB/100 mtr
At 400 - Mhz	82 dB/100 mtr
At 1000 - Mhz	147.6 dB/100 mtr

Structural Return Loss (min)

50 - Mhz	23 Mhz.db
Insulation resistance at 27°C	>5000 M.Ohm-km (min)

Ageing Test at 80 +/- 20C for 7 days

Tensile Strength	10 (min) N/sq mm
Elongation	150 (min) %
Variation in TS	+/- 20 %
Variation in Elongation	+/- 20 %
Shrinkage Test	4 % (max)
Cold Bend at at -150C	no cracks should observed



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Mechanical test on Outer Sheath

Tensile Strength	10 (min) N/sq mm
Elongation	150 (min) %

Flammability Test

Length of uncharred portion	50 mm (min)
The period of burning after removal of flame	60 mm (min)
Continuity	Shall pass the test

Brand	GLI RG-174 Coaxial Cable/ OCT RG-174 Coaxial Cable
ROHS	Compliant

Description

Specified Value

Conductor

Material	Annealed Bare Copper
No. of strands	7 Nos.
Dia of wire	0.16 Mm (nom)

Insulation

Material	Polythelene (LDPE)
Dia of Core	1.50 +/-0.08 (nom) mm
Color	Natural

Screening

Material	Annealed Bare Copper
Coverage	80 %(nom)

Outer Sheath

Material	PVC-ST-3
Color	Black
Over all dia meter	2.80 +/-0.13 mm (max)



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