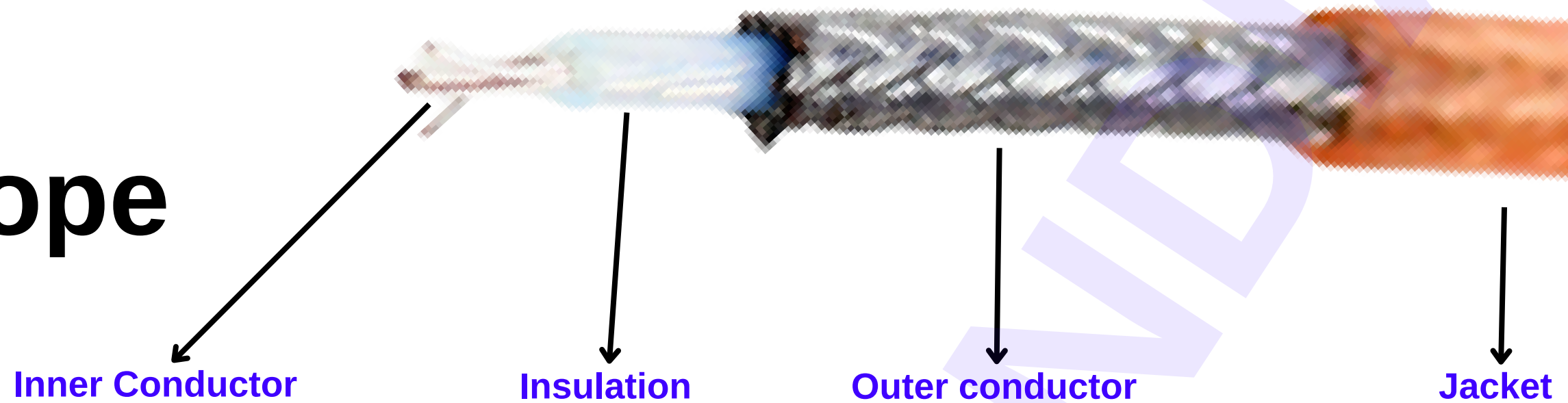


# RG-178 CO-AXIAL CABLE



An ISO 9001:2015 Certified Company

## Scope



## Technical Specifications:

### Characteristics

Impedance	50+/-2 $\Omega$ (nom)
Capacitance	95.8 (nom)Pf/mtr
Velocity	69.5 %
Propagation Delay	4.8 Ns/Mtr
Shielding Attenuation	100db
Bending Radius	<9mm
UL	Passed
Flame Retardant	VW-1 Provdor Material Report
Makeing	RG-178 Coaxial Cable
ROSH	Compliant

### Attenuation (db/m)

Frequency text	Attenuation
0.1 GHz	0.46 dB/100 ft
0.4 MHz	0.95 dB/100 ft
1 MHz	1.48 dB/100 ft
2 MHz	2.65 dB/100 ft
3 MHz	3.28 dB/100 ft
4 MHz	3.54 dB/100 ft
5 MHz	4.30 dB/100 ft
6 MHz	4.80 dB/100 ft

### VSWR

0.3-3 GHz	<1.30
3-6 GHz	<1.35



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12B Block -A, Behind Kanishka Garden, Amar Colony Main Rohtak Road Nangloi, New Delhi, Delhi 110041

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	Description	Specified Value
<b>Inner Conductor</b>	Material Composition OD	Silver Plated Copper Wire 7/0.102 ± 0.003 mm ø 0.30 mm
<b>Insulation</b>	Material Thickness OD Color	Teflon FEP (200 Degrees of Fluorinated ethylene Propylene resin ) 0.30 mm ø 0.90 ± 0.05 mm Transparent
<b>Outer Conductor</b>	Material Form Density OD	Silver Plated Copper Wire Weave 92% ;(18 (Mesh); 48 (Coding 3*16/0.10)) ø 1.30 ± 0.05 mm
<b>Jacket</b>	Material Thickness OD Color of Sheath	Teflon FEP (200 Degrees of Fluorinated ethylene Propylene resin ) 0.25 mm ø 1.80 ± 0.05 mm Transparent Coor or Brown Transparent Color (Can also be processed According to customer requirements)

## Test Project

Rated Temperature/ Voltage  
Insulation resistance  
Conductor resistance  
Pressure

## Standard Value

-55°C`+200°C  
300Ω.km  
345Ω/km 20°C  
2KV

## NOTE

/  
Resistance Tester  
/  
Withstand Voltage Tester



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