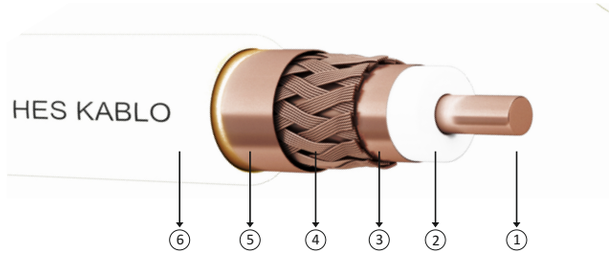
RG 6 / U-6 Cu / Cu / Y TRISHIELD Coaxial Cables



Code: RG 6 / U-6 Cu / Cu / Y TRISHIELD **Standard:** TSE / TS EN 50117-9-2

RG : Radio Frequency
6 : Wire Diameter
U-6 : Screening
Cu/Cu : Copper Conductor / Double Layer Copper Foil, Tinned Copper Wire Braid
Y : PVC Sheath

Technical Properties

Conductor Diameter : 1,02±0,02 mm
Insulation Diameter : 4,6±0,2 mm
First Screen : CU-PET Foil (% 100 Coverage)
Secand Screen : Copper Wire Braid
Third Screen : CU-PET Foil (% 100 Coverage)
Overall Diameter : 6,8±0,2 mm
Sheath Colour : White
Sheath Material : PVC
Net Weight : 52 kg/km ±%3
Package : 100 - 300 m Coil / 500 - 1000 m Drum

Electrical Properties

Impedance : 75±3 Ohm
Nominal Capacitance : 54±2 pF/m (Conductor/Screen)
Velocity of Prop. : %82±2
Insulation Resistance : 2000 Mohm x km (Min.)
Test Voltage (AC 50 Hz) : 3000 V / 1 Minutes
Operating Temperature : -40°C, +70°C
Min. Bending Radius : 10 x D (mm) (D:Overall Diameter)
Class of Screen : Class B
CPR Fire Class : Euro - Class E

Construction

1- Conductor : Solid Annealed Copper (TS EN 60228 Class 1)
2- Insulation : Foam Skin Polyethylene (TS EN 50290-2-37)
3- First Screen : One Side Copolyedmer Coated Aluminum Foil (%100 Coverage)
4- Secand Screen : Tinned Copper Wire
5- Third Screen : One Side Copolyedmer Coated Aluminum Foil (%100 Coverage)
6- Outer Sheath : PVC Sheath With White Colour (TS EN 50290-2-22)

Applications

Used in indoor CATV (Cable TV) systems, individual - central antenna and satellite distribution systems, CCTV camera security systems.

Attenuahier (Max)

Mhz							
5	200	400	800	1000	2150	2400	3000
dB/100 m							
2,8	9,3	13,7	19,1	22,0	32,5	35,1	39,3

Return Loss (Min)

Mhz			
5-470	470-1000	1000-2000	2000-3000
dB			
>23	>20	>18	>16