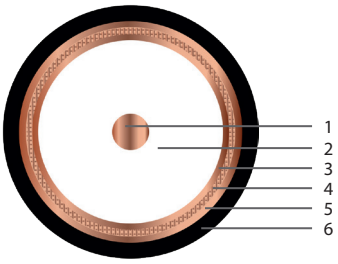
Coaxial Cables

# RG6 U6 CU-CU TRISHIELD LSZH-HFFR


| WHERE IT IS USED/ FEATURES | CABLE STRUCTURE |
|---|---|
| It is used as a distribution cable in indoor CATV and CCTV systems and as a connection cable in satellite systems where low attenuation is required.<br><br>These cables, which have flame retardant properties due to their structure, are used in environments where there are many people (shopping malls, hotels, etc.) and where it is desired that smoke and corrosive gases released during a fire do not threaten human health. | 1. Copper Conductor<br>2. PE Insulation (Foam)<br>3. Copper Foil (100% Coverage)<br>4. Braiding from Copper Wire<br>5. Copper Foil (100% Coverage)<br>6. LSZH/HFFR Outer Jacket |

| PHYSICAL PROPERTIES | |
|---|---|
| **Conductor** | Solid, annealed copper |
| **Conductor Diameter (mm)** | 1.02±0.02 |
| **Insulation Diameter (mm)** | 4.6±0.2 |
| **1st Screen** | cu-pet (%100 Coverage) |
| **2nd Screen** | Copper Wire Braid |
| **3rd Screen** | cu-pet (%100 Coverage) |
| **Outer Sheath** | LSZH (Low Smoke Zero Halogen) |
| **Sheath Color** | Black (Different colors can be produced according to customer demand.) |
| **Cable Text Information** | Brand, Cable type, Relevant standards, Date, Serial number, Meter |

| MECHANICAL AND ENVIRONMENTAL PROPERTIES | |
|---|---|
| **Bending Radius** | 20 x Cable Diameter |
| **Working Temperature** | -40 to +70 °C |

| PACKAGING & SIZE & WEIGHT | | |
|---|---|---|
| **Packaging Type** | **Outer Diameter (mm)** | **Approximate Weight (kg)** |
| 100 m Roll | 6.8±0.2 | 4 |
| 500 m Plywood Reel | 6.8±0.2 | 20 |
| 1000 m Plywood Reel | 6.8±0.2 | 41 |

| ELECTRICAL SPECIFICATIONS | |
|---|---|
| **Impedance Characteristics** | 75±3 Ohm |
| **Effective Capacitance** | 54±2 pF/m nom. |
| **Velocity of Propagation** | %82±2 |
| **Insulation Resistance** | 2000 MegaOhm x km min. |
| **Test Voltage (AC 50 Hz)** | 3000 V/ 1 dk. |

| WEIGHT LOSSES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Mhz** | 5 | 200 | 400 | 800 | 1000 | 2150 | 2400 | 3000 |
| **db/100m** | 2,8 | 9,3 | 13,7 | 19,1 | 22 | 32,5 | 35,1 | 39,3 |

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