



## Mud Resistant Composite Cable

### Applications

These composite cables consist of cat6 data cable & coaxial cable & power cable, with copper wire braid armoured & flame retardant oil&mud resistant outer sheath.

### Standards

- IEC 60092-359
- IEC 60332-3-22
- IEC 60754-1,2
- IEC 61034-1,2
- NEK 606:2004

### Construction

#### 1) 4×2×0.57mm U/UTP Cat6 Data Cable:

- **Conductors:** Solid bare copper wire.
- **Insulation:** PE.
- **Twinning:** Two coloured insulated wire twisted to form a pair.
- **Sheath:** Flame retardant LSZH, coloured grey.

#### 2) RG59 Coaxial Cable:

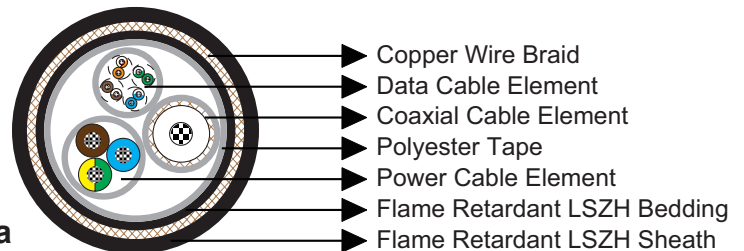
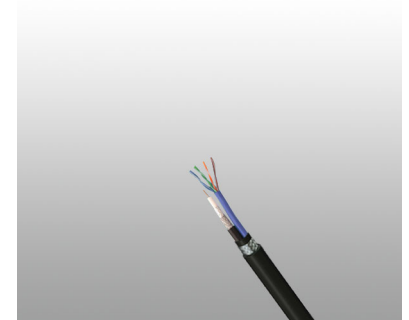
- **Conductors:** 0.58mm solid bare copper wire.
- **Insulation:** PE.
- **Shielding:** Bare copper wire braid.
- **Sheath:** Flame retardant LSZH, coloured grey.

#### 3) 3×1.0mm<sup>2</sup> Power Cable:

- **Conductors:** 7/0.44mm stranded bare copper wire.
- **Insulation:** XLPE. Coloured Blue, Brown, Green/Yellow.
- **Sheath:** Flame retardant LSZH, coloured grey

#### 4) Element Assembly

- **Filler:** PP, PVC, PE or LSZH Material.
- **Wrapping:** Polyester Tape.





# Caledonian

Any inquiries, please feel free to contact  
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- **Bedding:** Flame retardant LSZH.
- **Armour:** Tinned copper wire braid.
- **Outer Sheath:** Oil & mud resistant, flame retardant LSZH, coloured grey.

## Dimensions

Cable Construction	Nominal Data Cable Diameter mm	Nominal Coaxial Cable Diameter mm	Nominal Power Cable Diameter mm	Nominal Overall Diameter mm
4×2×0.57mm + RG59 + 3×1.0mm <sup>2</sup>	6.0	6.2	6.8	21.0

Note: Other construction can be offered upon request.

