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) 3×1.0mm² 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.
• **Bedding:** Flame retardant LSZH.
• **Armour:** Tinned copper wire braid.
• **Outer Sheath:** Oil & mud resistant, flame retardant LSZH, coloured grey.

**Dimensions**

<table>
<thead>
<tr>
<th>Cable Construction</th>
<th>Nominal Data Cable Diameter mm</th>
<th>Nominal Coaxial Cable Diameter mm</th>
<th>Nominal Power Cable Diameter mm</th>
<th>Nominal Overall Diameter mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>4×2×0.57mm + RG59 + 3×1.0mm²</td>
<td>6.0</td>
<td>6.2</td>
<td>6.8</td>
<td>21.0</td>
</tr>
</tbody>
</table>

Note: Other construction can be offered on request.