

**POWER CABLE
Cu, XLPE insulated, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034**

| | | |
|---------------------|--|--|
| Type | R-Cu/XLPE/LSZH 0,6/1Kv RE40M1 0,6/1Kv | 5G 2,5sqmm |
| Conductor : | Stranded red copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 mm | |
| Insulation : | Cross-linked XLPE extruded compound Thickness : 0,7 mm | - Temperature range -20 + 90°C - Temperature laying -5 + 90°C |
| Laying up : | Twisted to core, color Y/G - Blue - Brown - Black - Grey | |

Overall screen**Bedding :**

Thickness : mm

Armor :

Thickness : mm

| | | |
|-----------------------|--|---------------------------|
| Outer sheath : | SHF1 , Low Smoke Zero Halogen emission extruded compound | |
| | Color : | Black (or to be agreed) |
| | Thickness : | 1,6 mm |
| | Overall diameter : | 14 mm |
| | Total weight : | 300 Kg/Km |

Marking :

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

| | | | |
|----------------------|--|-------------|------------------------|
| Performance : | - Conductor resistance | 7,41 ohm/Km | (+ 5% for multipair) |
| | - Test voltage core to core | 4 Kv | |
| | - Flame retardant according to IEC60332-3-24, CEI20-22/3 | | |
| | - Low smoke and halogen free as per IEC60754-2, CEI20-37/2 | | |
| | - Low smoke density emission IEC61034-1/2 | | |
| | - Minimum bending radius | 10 V. D. | |
| | - Hydrocarbon and UV resistant | | |

Weight and diameter are theoretical + / - 10%