# Mining cable
# (N)SSHCGEOU V

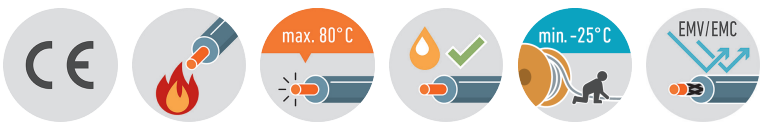
DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

**Application**: As connecting cable for mobile equipment in underground mining on machines with very high mechanical loads. Integrated control and monitoring cores allow insulation faults and damage to the cable to be detected immediately.

Each core has a concentric control conductor and a concentric monitoring conductor. The monitoring conductor is wrapped over the insulation of the control conductor.

**Construction and technical data:**

| | |
|---|---|
| **Standard:** | VDE 250-812 (with ref. to) |
| **Conductor material:** | tinned copper |
| **Conductor construction:** | Class 5 = fine stranded - DIN EN IEC 60228 (VDE 0295) |
| **Insulation:** | rubber 3GI3 |
| **Material inner sheath:** | rubber GM1b |
| **Screen:** | spiral copper wires, tinned |
| **Armour:** | round steel wire, galvanized |
| **Sheathing material:** | rubber (CR) 5GM5 |
| **Colour of outer sheath:** | yellow |
| **Flame-retardant:** | VDE 0482-332-1-2/IEC 60332-1-2 |
| **Oil-resistant:** | EN 60811-2-1 |
| **Max. temperature at conductor, °C:** | 80 °C |
| **Permitted outer cable temperature, fixed, °C:** | -40 - +80 °C |
| **Permitted outer cable temperature, moved, °C:** | -25 - +80 °C |
| **Min. bending radius, fixed installation:** | 4 x Ø |
| **Bending radius, moving application:** | 6 x Ø |
| **Maximum tensile strength at the conductor:** | 15 N/mm² |




*The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.*

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(N)SSHCGEOEU V

**Nominal voltage Uo:** 0.6 kV

**Nominal voltage U:** 1 kV

**Maximum permitted operating voltage in three-phase systems:** 1.2 kV

**Test voltage:** 3.5 kV

| part no. | part name | Rl [Ohm/km] | Ø [mm] | Cu | G [kg] |
|---|---|---|---|---|---|
| 052856 | 3X150/70KON+3X(2,5ST KON/2,5UL KON) | 0.132 | 72.5 | 5390 | 9600 |

| | |
|---|---|
| Rl | Conductor resistance |
| Ø | outer diameter approx. |
| Cu | Copper weight (GER) |
| G | net weight per 1000 |