

Mining cable (N)SSHCGEOU S



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

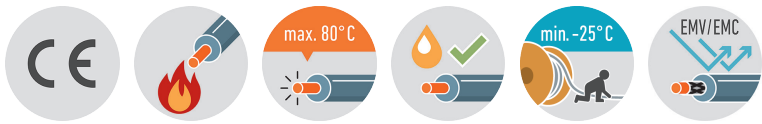
Application: As connecting cable for mobile equipment in underground mining on machines with very high mechanical loads. Integrated control and monitoring cores allow insulation faults and damage to the cable to be detected immediately.

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:

Three Power cores laid-up, with double concentric control and monitoring cores in the outer interstices. The PE core is wrapped concentrically over the insulation of the control cores.

Standard:	VDE 250-812 (with ref. to)
Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	rubber 3G13
Arrangement of protective conductors:	split in the outer interstices
Material inner sheath:	rubber GM1b
Monitoring core:	split in the outer interstices
Screen:	tinned copper braid
Torsion protection:	polyester braid
Torsion:	+/- 25 °/m
Sheathing material:	rubber 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
Max. short circuit temperature at conductor, °C:	250 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-25 - +80 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	6 x Ø
Maximum tensile strength at the conductor:	15 N/mm ²



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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Nominal voltage U₀:	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	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
054574	3X16+3x(1.5 KON+16/3 KON)	1.24	41.6	671	2191
054575	3X25+3X(1.5 KON+16/3 KON)	0.795	46.3	930	2637
052857	3X95+3X(1,5 KON+50/3 KON)	0.21	58.8	3423	5545

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