

Mining cable (N)SSHCGEOU V



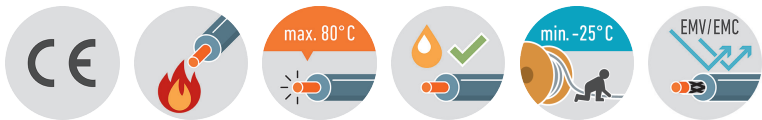
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Application: As connecting cable for mobile equipment in underground mining on machines with very high mechanical loads. Integrated control and monitoring cores allow insulation faults and damage to the cable to be detected immediately.

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 = flexible
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
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.

(N)SSHCGEOEU V

Nominal voltage U_o: 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]
052856	3X150/70KON+3X(2,5ST KON/2,5UL KON)	0.132	72.5	5390	9600

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