



Mechanically robust rubber cable for mining and surface mining

For use at very high mechanical stress; Single-core design suitable for robust connection cables for welding equipment

- Mining
- Outdoors
- Oil-resistant



Product description

Application range

- For mining as well as surface mining
- Connection for moving equipment and machinery
- Under extreme environmental conditions
- Suitable for outdoor use, as well as in dry and damp interiors

Benefits

- For use at very high mechanical stress
- Single-core design suitable for robust connection cables for welding equipment

Product Make-up

- Fine-wire strand made of tinned-copper wires
- Core insulation: rubber compound type 3GI3
- Inner sheath: rubber-compound, type GM1b or 5GM5
- Outer sheath: rubber compound, type 5GM5

Norm references / Approvals

- NSSHÖU cable type certification acc. VDE 0250-812

Product features

- Flame-retardant according IEC 60332-1-2
- Oil-resistant according to EN 60811-404
- High notch resistance
- Abrasion-resistant
- Not antistatic

Technical Data

Core identification code	Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Classification	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius	Flexible use: 10 x outer diameter Fixed installation: 5 x outer diameter
Nominal voltage	U ₀ /U: 600/1000 V
Test voltage	3000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Current rating	According to VDE 0298 Part 4, Table 15
Temperature range	Flexible use: -25°C to +90°C Fixed installation: -40°C to +90°C