



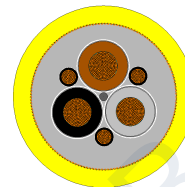
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrialcable

(N)SSHCGEWÖU

0.6/1 kV screened lighting cable for mining and tunneling



APPLICATION

Used in open and underground mines as lighting cable. Monitoring core makes it easy to detect outer damage. Suitable for mines, tunnels or any place that requires a heavy-duty lighting cable.

CABLE DESIGN

Component	Description
Conductor	Electrolytic, stranded, tinned copper wire, DIN VDE 0295 class 5
Separator	Semiconducting layer over monitoring conductor
Insulation	Phase and control cores insulated with 3GI3 compound; monitoring core is not insulated
Separator	Semiconducting layer over phase and control core insulations
Layup	All cores laid up in contact with each other, including control and monitoring cores
Bedding	Special elastomeric compound GM1b according to DIN VDE 0207 part 21
Screen	Concentric overall screen made of tinned copper wires between inner and outer sheaths
Outer sheath	Heavy-duty elastomeric outer sheath 5GM5 according to DIN VDE 0207 part 21

CHARACTERISTICS

- Used as lighting cable in open and underground mines.
- Monitoring core helps detect outer damage.
- Suitable for mines, tunnels and heavy-duty lighting applications.
- Tinned copper overall screen between inner and outer sheaths.

OPERATING CHARACTERISTICS

Parameter	Value
Related standards	VDE 0250-812
Rated voltage	0.6/1 kV
Test voltage	3 kV

TECHNICAL DATA

DIMENSIONS AND ELECTRICAL CHARACTERISTICS

Values are technical parameters only. Cable dimensions may vary due to manufacturing tolerances.

Cross-section mm2	Min. overall diameter mm	Max. overall diameter mm	Approx. cable weight kg/km	Copper weight kg/km
3 x 6/6 CON + 2 x 1.5 ST + 1.5 UEL	24	28	900	300

NOTES

- The above values correspond to the manufacturer's specifications and are not guaranteed.
- We reserve the right to change details without notice.
- Any other sizes or any other designs available on request.

CERTIFICATIONS

