



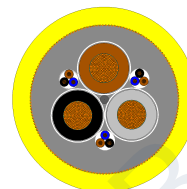
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrialcable

(N)SSHCGEWÖU-V

0.6/1 kV coal cutter cable



APPLICATION

Used in coal mines to supply cutters and drills. Monitoring cores make it easy to detect outer damage. Suitable for mines, tunnels or any place that requires a heavy-duty 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
Separator	Semiconducting layer over phase cores and control units
Layup	Phase cores laid up in contact with each other and pre-laid control units
Bedding	Special elastomeric compound GM1b according to DIN VDE 0207 part 21
Armour	Galvanized steel and tinned copper pliable armour
Outer sheath	Heavy-duty elastomer outer sheath 5GM5 according to DIN VDE 0207 part 21

CHARACTERISTICS

- Three phase cores and three control units laid up together.
- Each control unit consists of two control cores and one monitoring core.
- All cores are screened by semiconductive elastomer.
- Heavy-duty inner and outer sheath with overall screen/armour in between.

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 16/16 CON + 2 x 2.5 ST + 2.5 UEL	33	38	2,000	690
3 x 25/16 CON + 3 x (2 x 1.5 ST + 1.5 UEL)	41	46	3,000	1,050
3 x 35/16 CON + 3 x (2 x 1.5 ST + 1.5 UEL)	41	46	3,200	1,350
3 x 50/25 CON + 3 x (2 x 1.5 ST + 1.5 UEL)	46	51	4,200	1,870
3 x 70/35 CON + 3 x (2 x 1.5 ST + 1.5 UEL)	50	55	5,400	2,550
3 x 95/50 CON + 3 x (2 x 1.5 ST + 1.5 UEL)	57	62	6,900	3,410
3 x 120/70 CON + 3 x (2 x 1.5 ST + 1.5 UEL)	62	67	8,600	4,330

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

