



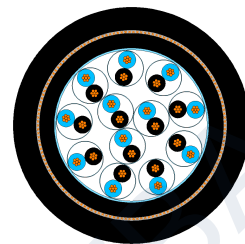
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

2YSLGCGOEU

Signal and control cable for open-cast mining



APPLICATION

Control, signalling and bus cable for electric and electronic equipment, measured value processing, process data systems and automation units in open-cast mining. Suitable for laying alongside conveyor belts and on material handling equipment.

CONSTRUCTION

Component	Description
Conductors	Flexible stranded copper conductor, Class 5 according to DIN VDE 0295
Insulation	PE insulation type 2Y11
Cable element	Cores laid up in pairs in layers with continuous non-hygroscopic serving over the conductor assembly
Inner sheath	CM type EM2
Screen	Tinned copper wire braid
Outer sheath	CM type EM2

CHARACTERISTICS

- Flexible Class 5 copper conductors for control and signalling circuits.
- Tinned copper wire braid provides electrical screening.
- Paired core design suitable for bus and process data applications.
- Designed for open-cast mining and material handling equipment.

OPERATING CHARACTERISTICS

Parameter	Value
Cable type	Signal and control cable
Application area	Open-cast mining equipment and conveyor systems
Conductor class	Class 5 flexible stranded copper conductor
Screening	Tinned copper wire braid
Insulation material	PE type 2Y11
Inner and outer sheath	CM type EM2

STANDARDS

Parameter	Value
Cable standard	VDE 0250 Part 812
Conductor standard	DIN VDE 0295

TECHNICAL DATA

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

Number of cores x nominal cross section	Minimum OD mm	Maximum OD mm	Nominal weight kg/km
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2x2x1	11.0	13.0	245
5x2x1	16.0	19.0	440
10x2x1	20.0	23.0	700
20x2x1	25.0	29.0	1040

NOTES

- Standard values are based on the technical data table above.
- Other packing forms and delivery lengths are available on request.

CERTIFICATIONS



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