



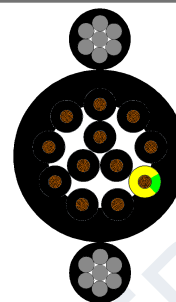
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

CRANE 2ST PVC CONTROL CABLE

PVC cable with external steel supporting elements



APPLICATION

Flexible control cable for connecting movable control panels and consoles. Suitable as a self-supporting shaft cable in high-rack systems and for outdoor applications.

CONSTRUCTION

Component	Description
Conductor	Bare copper wires; extra-fine stranding, Class 6 according to VDE 0295 / IEC 60228
Core insulation	Special PVC-based insulation
Core identification	Black with white numbers according to VDE 0293-334
Internal wrapping	Special textile wrapping to improve sliding movement between sheath and cores
Support elements	Two opposing steel supporting elements integrated into the outer sheath
Outer sheath	Special PVC-based outer sheath; black

OPERATING CHARACTERISTICS

Parameter	Value
Nominal voltage U0/U	300/500 V
Test voltage	4 kV
Flexible temperature range	-15 °C to +90 °C
Minimum bending radius	20 x outer diameter, flexible use
Tensile strength	2100 N per supporting element
Application	Movable control panels and consoles; self-supporting shaft cable in high-rack systems
Restriction	Do not use for lift applications

STANDARDS AND PERFORMANCE

Parameter	Value
Flame performance	Flame-retardant according to IEC 60332-1-2
Standard basis	VDE 0250
Outdoor use	Suitable
Cold resistance	Suitable for flexible use at low temperatures
UV resistance	Suitable

TECHNICAL DATA

Nominal dimensional data from the source technical sheet; source ordering codes omitted.

CABLE DIMENSIONS				
Configuration	Cable dia. mm	Distance between support wires mm	Copper index kg/km	Weight kg/km
8G1.5	13.6	19	115	430
12G1.5	15.5	21	172.8	510
20G1.5	20	25	288	720

- The two integrated steel support elements absorb tensile forces during operation and provide optimum strain relief.
- Configuration names are shown without the source manufacturer's article numbers.

CERTIFICATIONS



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