



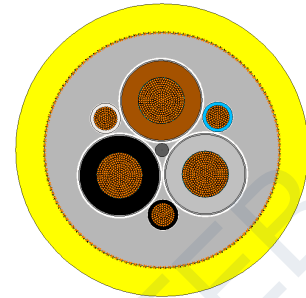
TEBAOFLEX CABLE

DATA SHEET

Mining&Industrial cable

NTSWOEU E-LOADER CABLE

0.6/1 kV low voltage cable for underground mining



APPLICATION

For connection of mobile machines under extremely high mechanical loads in underground mining. Suitable for guide pulleys, cable cars and reeling cable use where extreme bending loads, high tensile stress, impact and crushing loads occur.

CONSTRUCTION

Parameter	Value
Conductors	Flexible stranded tinned copper conductor, class 6 according to DIN VDE 0295
Insulation	EPR insulation
Pilot cores	Optional special conductor with tinned copper braid and galvanised steel wire braid
Inner sheath	Rubber type GM1b
Armour / earth conductor	Concentric earth conductor as tensile-stress-resistant braided armour of combined copper-steel wires
Outer sheath	Chlorinated rubber type 5GM5, abrasion and tear resistant, oil resistant and flame retardant
Outer jacket colour	Yellow

TECHNICAL PARAMETERS

Parameter	Value
Rated voltage U ₀ /U	0.6/1 kV
Standard	VDE 0250 Part 813
Mechanical performance	Designed for high tensile stress, impact, crushing loads and extreme bending loads
Typical operation	Guide pulley, cable car and reeling applications

DIMENSIONS AND WEIGHT

Number of Cores x Nominal Cross Section	Insulation Thickness mm	Inner Sheath Thickness mm	Outer Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
3x50/25KON + 3xST	2.0	3.0	5.0	56	4950

Values are nominal. Cable dimensions may vary due to manufacturing tolerances.

CERTIFICATIONS



TEBAOFLEX CABLE