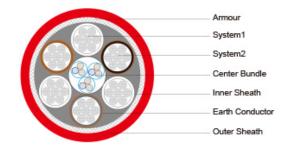


NTSCGECWOEU Medium-Voltage Coal Cutter Cable



Applications	These cables are used for the connection of mobile electrical equipment inunderground mines, e.g. for coal-cutting machines, especially for the use in bretby chains with extremebending loads under low tensile stress.
Standards	VDE 0250 Part 813
Construction	
System1 (1.8/3kV or 3.6/6kV)	Flexible stranded tinned copper conductor with heatresistant3GI3 rubber based on EPR,easy strippable outer conductive layer.
System2 (0.6/1kV)	Flexible stranded tinned copper conductor with heatresistant3Gl3 rubber based on EPR.
Earth Conductor	Spiral of tinnedcopper.
	Control and pilot cores withcopper/steel conductors capable of expansion and compression, EPR
Center Bundle	insulation, optional with fiber optics, covered with tinned copper wires semi conductive rubber sheath.
Center Bundle InnerSheath	insulation,optional with fiber optics, covered with tinned copper wires semi conductive rubber
	insulation,optional with fiber optics, covered with tinned copper wires semi conductive rubber sheath.

Dimensions and Weight

1.8/3kV

Number of Cores×Nominal Cross Section	Minimium Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.×mm²	mm	mm	kg/km
3×50+3×(35+35/3)+2×(2×0.75ST)+2×0.75UEL	62.0	66.0	7210
3×70+3×(50+50/3)+2×(2×0.75ST)+2×0.75UEL	64.0	68.0	8200
3×95+3×(70+70/3)+2×(2×0.75ST)+2×0.75UEL	74.0	78.0	10300

3.6/6kV

Number of Cores×Nominal Cross Section	Minimium Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.×mm²	mm	mm	kg/km
3×35+3×(35+35/3)+2×(2×0.75ST)+2×0.75UEL	66.0	72.0	7600

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3×50+3×(50+50/3)+2×(2×0.75ST)+2×0.75UEL	69.0	75.0	9200
3×70+3×(70+70/3)+2×(2×0.75ST)+2×0.75UEL	76.0	81.0	11150
$3\times95+3\times(95+95/3)+2\times(2\times0.75ST)+2\times0.75UEL$	85.0	90.0	13300

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