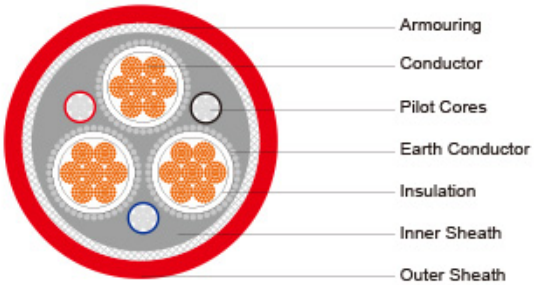
(N)TSCGECWOEU Medium-Voltage Trailing Cable



Applications	These cables are used for the connection of electrical equipment, in minesand underground excavations with hazardousenvironments under particularly high mechanical loads,e.g. high-voltage transformers on power lines inunderground mining and tunnelling.
Standards	Based on VDE 0250 Part 813
Construction	
Conductors	Flexible stranded copper conductor, class 5 according to DIN VDE 0295.
Inner Conductor Layer	Special rubber compound, conductive.
Insulation	Rubber type 3GI3.
Outer Conductor Layer	Special rubber compound, conductive, easy strippable.
Pilot Cores (optional)	Tinned copper conductor with EPR insulation.
Earth Conductor	Spiral of tinnedcopper wires.
InnerSheath	Rubber type GM1b.
Monitoring Shield/Armour	Braided armour of combined copper-steel wires; or wrap of copper andsteel wires, copper tape in opposite direction, reinforcing tape.
Outer Sheath	Rubber type 5GM5.

Dimensions and Weight

6/10kV

Number of Cores×Nominal Cross Section	Minimium Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.×mm²	**mm**	**mm**	**kg/km**
3×25+3×16/3E+3×2.5ST+6UEL	48	52	3500
3×35+3×16/3E+3×2.5ST+6UEL	51	55	3750
3×50+3×25/3E+3×2.5ST+6UEL	56	60	4720
3×95+3×50/3E+3×2.5ST+6UEL	66	71	7260
3×120+3×70/3E+6UEL	70	75	9700
3×150+3×70/3E+6UEL	73	78	9950

12/20 (24) kV

Number of Cores×Nominal Cross Section	Minimium Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.×mm²	mm	mm	kg/km
3×25+3×25/3E+6UEL	62	67	5800
3×95+3×50/3E+6UEL	74	78	11000
3×120+3×70/3E+6UEL	80	85	13000