

## (N)TSCGECWOU Medium-Voltage Trailing Cable

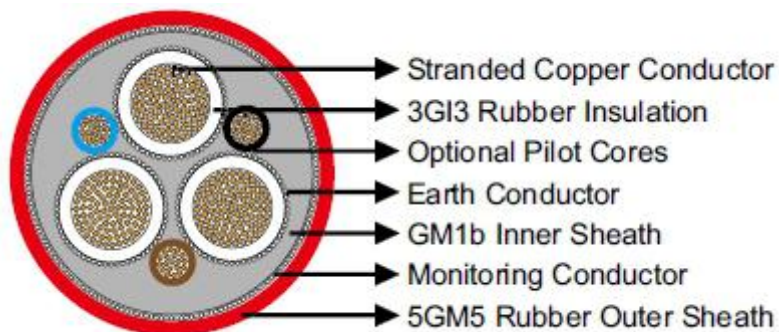
### Applications

These cables are used for the connection of electrical equipment, in mines and underground excavations with hazardous environments under particularly high mechanical loads, e.g. high-voltage transformers on power lines in underground 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 tinned copper wires.

**Inner Sheath:** Rubber type GM1b.

**Monitoring Shield/Armour:** Braided armour of combined copper-steel wires; or wrap of copper and steel wires, copper tape in opposite direction, reinforcing tape.

**Outer Sheath:** Rubber type 5GM5.

### Dimensions and Weight

#### 6/10kV

Number of Cores × Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. × mm <sup>2</sup>	mm	mm	kg/km
3×25+3×16/3E+3×2.5ST+6UEL	48.0	52.0	3500
3×35+3×16/3E+3×2.5ST+6UEL	51.0	55.0	3750
3×50+3×25/3E+3×2.5ST+6UEL	56.0	60.0	4720
3×95+3×50/3E+3×2.5ST+6UEL	66.0	71.0	7260
3×120+3×70/3E+6UEL	70.0	75.0	9700
3×150+3×70/3E+6UEL	73.0	78.0	9950

#### 12/20 (24) kV

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<b>Number of Cores×Nominal Cross Section</b>	<b>Minimum Overall Diameter</b>	<b>Maximum Overall Diameter</b>	<b>Nominal Weight</b>
<b>No.×mm<sup>2</sup></b>	<b>mm</b>	<b>mm</b>	<b>kg/km</b>
3×25+3×25/3E+6UEL	62.0	67.0	5800
3×95+3×50/3E+6UEL	74.0	78.0	11000
3×120+3×70/3E+6UEL	80.0	85.0	13000