

NTSCGERLW0EU 3.6/6kV Flexible Submersible Cable

Applications

These cables are used for permanent operation in water where the cable is required to have additional mechanical protection.

Standards

VDE 0250 Part 813

Construction



Conductors: Flexible stranded tinned 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, conductive, easy strippable.

Pilot Cores (optional): Copper conductor with EPR insulation.

Earth Conductor: Spiral of tinned annealed copper wires.

Inner Sheath: Waterproof synthetic butyl rubber.

Armouring: Braid of galvanised steel strands.

Outer Sheath: Rubber type 5GM5.

Dimensions and Weight

Number of Cores × Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. × mm ²	mm	mm	kg/km
3 × 35 + 3 × 16 / 3E	55.0	60.0	4600
3 × 50 + 3 × 25 / 3E	59.0	67.0	5600
3 × 70 + 3 × 35 / 3E	64.0	70.0	6700
3 × 95 + 3 × 50 / 3E	68.0	75.0	7900
3 × 120 + 3 × 70 / 3E	75.0	80.0	9980