

Submersible Pump TML Cable Flat

Cable Application

Special cable for the permanent use in process water type A - drinking water type B. Adapted to DIN VDE 0250 and DIN VDE 0282. As connection cable for submersible electric motors (pumps) for the permanent use in process and drinking water up to a temperature of 70°C.

- Excellent insulation properties in water
- Very low water absorption
- Preservation of the mechanical strength

Technical Information

Conductor: Bare copper stranded class 5 to VDE0295, IEC 60228

Characteristics at 20°C

Insulation: EPR colour coded to VDE0293

Outer Sheath: EPR - colour blue

Test Voltage 50Hz, 5 min: 2500V

Rated Voltage: 450/750V

Temperature Range

Maximum admissible conductor

Temperature in Operation: 90°C

Short Circuit Temperature: 250°C

Fixed: -40°C up to +80°C

In Motion: -25°C up to +80°C

Tensile stress: Maximum 15 N each mm² conductor cross section.

No. of cores x cross	Copper Content	Outer Dimensions approx mm x mm	Net weight approx kg/km	No. of cores x cross	Copper Content	Outer Dimensions approx mm x mm	Net weight approx kg/km
3 x 1.5	43.0	13. x 7	125	3 x 95	2736.0	58 x 25	3800
3 x 2.5	72.0	16 x 8	185	4 x 1.5	58.0	17 x 7	160
3 x 4	115.0	19 x 9	290	4 x 2.5	96.0	20 x 8	250
3 x 6	173.0	23 x 10	400	4 x 4	154.0	24 x 9	340
3 x 10	288.0	28 x 12	620	4 x 6	230.0	26 x 10	450
3 x 16	461.0	31 x 14	900	4 x 10	384.0	31 x 11	850
3 x 25	720.0	37 x 17	1150	4 x 16	614.0	36 x 13	1200
3 x 35	1008.0	38 x 17	1550	4 x 25	960.0	45 x 15	1600
3 x 50	1440.0	45 x 20	2200	4 x 35	1344.0	48 x 17	2100
3 x 70	2016.0	52 x 22	2900	4 x 50	1920.0	59 x 20	2900