



USE OF CABLE

for permanent use in water to connect electrical equipment such as submerged pump motors. Suitable for drinking and industrial water and for medium mechanical requirements.



SPECIAL FEATURES

- TML T-RD: rated voltage up to 0.6/1 kV when protected and fixed laying in pipes of well systems.
- free from lacquer damaging substances and silicone (during production)
- suitable for permanent use in drinking water up to max. 400 m diving depth

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions and core colours on request.

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl. 5
Core insulation:	TML T-RD: based on EPR; TML T-F: based on EPR or VPE
Core identification:	Acc. to VDE 0293-308 coloured with or without GNYE
Stranding:	TML T-RD: cores stranded in layers; TML T-F: cores parallel side by side
Outer sheath:	Based on EPR
Sheath colour:	Blue
Rated voltage:	Uo/U: 450/750 V
Testing voltage:	2,5 kV
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guidelines
Min. bending radius fixed:	4 x d
Min. bending radius moved:	5 x d
Operat. temp. fixed min/max:	-40 °C / +60 °C
Operat. temp. moved min/max:	-25 °C / +60 °C
Temp. at conductor:	+90 °C
Standard:	Similar to DIN VDE 0250

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3500390	1 X 1,5	7,0	14,40	60,00	blue	V1: TML T-RD - rund / round
3500625	1 X 2,5	7,5	24,00	80,00	blue	V1: TML T-RD - rund / round
3500626	1 X 4	8,5	38,00	100,00	blue	V1: TML T-RD - rund / round
3500627	1 X 6	9,5	58,00	120,00	blue	V1: TML T-RD - rund / round
3500628	1 X 10	11,0	96,00	180,00	blue	V1: TML T-RD - rund / round
3500413	1 X 16	13,5	154,00	265,00	blue	V1: TML T-RD - rund / round
3500629	1 X 25	15,5	240,00	380,00	blue	V1: TML T-RD - rund / round
3500630	1 X 35	17,5	336,00	500,00	blue	V1: TML T-RD - rund / round
3500410	1 X 50	20,0	480,00	690,00	blue	V1: TML T-RD - rund / round
3500631	1 X 70	22,5	672,00	920,00	blue	V1: TML T-RD - rund / round
3500937	1 X 95	25,0	912,00	1180,00	blue	V1: TML T-RD - rund / round
3500632	1 X 120	26,5	1152,00	1470,00	blue	V1: TML T-RD - rund / round
3500633	1 X 150	28,0	1440,00	1800,00	blue	V1: TML T-RD - rund / round
3500634	1 X 185	31,0	1776,00	2000,00	blue	V1: TML T-RD - rund / round

TML T-RD round, TML T-F flat

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3500415	2 X 1,5	9,9	29,00	111,00	blue	V1: TML T-RD - rund / round
3500391	3 X 1,5	11,0	43,00	140,00	blue	V1: TML T-RD - rund / round
3500384	3 G 1,5	11,0	43,00	140,00	blue	V1: TML T-RD - rund / round
3500397	4 G 1,5	12,5	58,00	200,00	blue	V1: TML T-RD - rund / round
3500463	3 X 2,5	13,5	72,00	210,00	blue	V1: TML T-RD - rund / round
3500412	3 G 2,5	13,5	72,00	210,00	blue	V1: TML T-RD - rund / round
3500392	4 G 2,5	15,0	96,00	250,00	blue	V1: TML T-RD - rund / round
3500642	3 G 4	15,5	115,00	280,00	blue	V1: TML T-RD - rund / round
3500930	3 X 4	15,5	115,00	280,00	blue	V1: TML T-RD - rund / round
3500400	4 G 4	17,0	154,00	360,00	blue	V1: TML T-RD - rund / round
3500635	3 G 6	17,0	173,00	400,00	blue	V1: TML T-RD - rund / round
3501130	3 X 6	17,0	173,00	400,00	blue	V1: TML T-RD - rund / round
3500399	4 G 6	19,0	230,00	500,00	blue	V1: TML T-RD - rund / round
3500636	3 X 10	22,5	288,00	665,00	blue	V1: TML T-RD - rund / round
3500385	4 G 10	24,0	384,00	825,00	blue	V1: TML T-RD - rund / round
3500637	3 X 16	26,0	461,00	1000,00	blue	V1: TML T-RD - rund / round
3500543	4 G 16	29,0	614,00	1250,00	blue	V1: TML T-RD - rund / round
3500638	3 X 25	31,0	720,00	1440,00	blue	V1: TML T-RD - rund / round
3500411	4 G 25	34,0	960,00	1800,00	blue	V1: TML T-RD - rund / round
3500493	3 X 35	35,5	1008,00	1870,00	blue	V1: TML T-RD - rund / round
3500387	4 G 35	39,0	1344,00	2360,00	blue	V1: TML T-RD - rund / round
3500639	3 X 50	41,0	1440,00	2560,00	blue	V1: TML T-RD - rund / round
3500499	4 G 50	45,0	1920,00	3250,00	blue	V1: TML T-RD - rund / round
3500640	3 X 70	45,0	2016,00	3370,00	blue	V1: TML T-RD - rund / round
3500643	4 G 70	50,0	2688,00	4300,00	blue	V1: TML T-RD - rund / round
3500641	3 X 95	48,5	2736,00	4000,00	blue	V1: TML T-RD - rund / round
3500388	4 G 95	55,0	3648,00	5300,00	blue	V1: TML T-RD - rund / round
3500644	3 X 1,5	7,5 X 14,0	43,00	140,00	blue	V2: TML T-F - flach / flat
3500653	4 G 1,5	7,5 X 18,5	58,00	180,00	blue	V2: TML T-F - flach / flat
3500645	3 X 2,5	8,5 X 16,5	72,00	220,00	blue	V2: TML T-F - flach / flat
3500947	4 G 2,5	8,5 X 21,5	96,00	230,00	blue	V2: TML T-F - flach / flat
3500646	3 X 4	9,5 X 19,3	115,00	280,00	blue	V2: TML T-F - flach / flat
3500437	4 G 4	9,5 X 25,5	154,00	350,00	blue	V2: TML T-F - flach / flat
3500647	3 X 6	10,5 X 22,2	173,00	400,00	blue	V2: TML T-F - flach / flat
3500946	4 G 6	10,5 X 29,0	230,00	450,00	blue	V2: TML T-F - flach / flat
3500407	3 X 10	14,5 X 28,0	288,00	600,00	blue	V2: TML T-F - flach / flat
3500654	4 G 10	14,5 X 36,5	384,00	800,00	blue	V2: TML T-F - flach / flat
3500648	3 X 16	17,0 X 34,0	461,00	900,00	blue	V2: TML T-F - flach / flat
3500409	4 G 16	17,0 X 44,5	616,00	1100,00	blue	V2: TML T-F - flach / flat
3500649	3 X 25	19,0 X 40,0	720,00	1200,00	blue	V2: TML T-F - flach / flat
3500655	4 G 25	20,2 X 53,5	960,00	1600,00	blue	V2: TML T-F - flach / flat
3501004	3 G 35	21,5 X 45,5	1008,00	1740,00	blue	V2: TML T-F - flach / flat
3500650	3 X 35	21,5 X 45,5	1008,00	1600,00	blue	V2: TML T-F - flach / flat

TML T-RD round, TML T-F flat

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3500656	4 G 35	22,0 X 60,5	1344,00	2100,00	blue	V2: TML T-F - flach / flat
3500439	3 X 50	24,0 X 53,0	1440,00	2200,00	blue	V2: TML T-F - flach / flat
3500657	4 G 50	25,0 X 69,5	1920,00	3000,00	blue	V2: TML T-F - flach / flat
3500651	3 X 70	26,5 X 59,0	2016,00	3000,00	blue	V2: TML T-F - flach / flat
3500658	4 G 70	28,0 X 77,5	2688,00	4100,00	blue	V2: TML T-F - flach / flat
3500652	3 X 95	25,5 X 57,7	2736,00	3900,00	blue	V2: TML T-F - flach / flat
3500659	4 G 95	26,1 X 78,4	3648,00	5200,00	blue	V2: TML T-F - flach / flat