

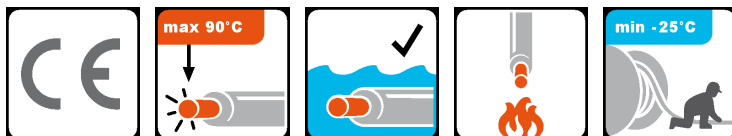
Submersible pump cable TML



conductor material: bare copper
conductor construction: fine stranded, class 5
insulation: rubber EI7
sheathing material: rubber (CR) 5GM3
flame retardant: VDE 0482-332-1-2/IEC 60332-1
maximum temperature at conductor: 90 °C
max. operating temperature, fixed: -40 - +90 °C
temperature, moved/during installation: -40 - +90 °C

	<i>Submersible pump cable (-J)</i>	<i>Submersible pump cable (-O)</i>
nominal voltage U₀:	450 V	450 V
nominal voltage U:	750 V	750 V
test voltage:	2,5 kV	2,5 kV
core identification:	colours acc. VDE 0293 (HD308)	

Application: As connection cable for submersible electric motors (pumps) for the permanent use in potable water up to temperature of 70 °C and to a depth of 600 m. The cable is resistant to chlor- and sea water, liquid manor, moreover for use in dry, damp and wet rooms with medium mechanical load. Test certificates of different national and international institutes are available on request.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics Submersible pump cable (-J)

p/n	part name	D _A [mm]	G [kg]	Cu [kg/km]	F _{ZV} [N]
050562	TML-J rund 03X1,5 BL Trinkwassertype	9,3	100	43	67
050501	TML-J rund 03X2,5 BL Trinkwassertype	10,9	160	72	112
051056	TML-J rund 03X4 BL Trinkwassertype	12,3	220	115,2	180
051057	TML-J rund 03X6 BL Trinkwassertype	14	300	173	270
051058	TML-J rund 03X10 BL Trinkwassertype	16,8	460	288	450
051059	TML-J rund 03X16 BL Trinkwassertype	19,1	650	461	720
051060	TML-J rund 03X25 BL Trinkwassertype	23,8	980	720	1125
051061	TML-J rund 03X35 BL Trinkwassertype	26,7	1310	1008	1575
051062	TML-J rund 03X50 BL Trinkwassertype	31,3	1880	1440	2250

p/n	part name	D _A [mm]	G [kg]	Cu [kg/km]	F _{ZV} [N]
051063	TML-J rund 03X70 BL Trinkwassertype	35,9	2590	2016	3150
051064	TML-J rund 03X95 BL Trinkwassertype	48,6	4174	2736	4275
050499	TML-J rund 04X1,5 BL Trinkwassertype	10,5	130	58	90
050502	TML-J rund 04X2,5 BL Trinkwassertype	12,3	200	96	150
050503	TML-J rund 04X4 BL Trinkwassertype	13,9	280	154	240
050549	TML-J rund 04X6 BL Trinkwassertype	15,7	390	230	360
050550	TML-J rund 04X10 BL Trinkwassertype	18,7	600	384	600
050504	TML-J rund 04X16 BL Trinkwassertype	21,2	840	614	960
050551	TML-J rund 04X25 BL Trinkwassertype	26,5	1280	960	1500

p/n	part name	D _A [mm]	G [kg]	Cu [kg/km]	F _{ZV} [N]
050753	TML-J rund 04X35 BL Trinkwassertype	29,4	1700	1344	2100
050653	TML-J rund 04X50 BL Trinkwassertype	34,8	2450	1920	3000
050754	TML-J rund 04X70 BL Trinkwassertype	39,9	3370	2688	4200
050993	TML-J rund 04X95 BL Trinkwassertype	45,9	4430	3648	5700
051093	TML-J rund 04X120 BL Trinkwassertype	50,7	5260	4608	7200
051311	TML-J rund 07X1,5 BL Trinkwassertype	16,3	260	101	157

Current rating according HD 384.5.523.

Table: Technical characteristics Submersible pump cable (-O)

p/n	part name	D _A [mm]	G [kg]	Cu [kg/km]	F _{ZV} [N]
050498	TML-O rund 01X1,5 BL Trinkwassertype	5,8	35	14,4	21
050961	TML-O rund 01X25 BL Trinkwassertype	11,9	290	240	375
050903	TML-O rund 01X50 BL Trinkwassertype	15,5	560	480	750
050910	TML-O rund 01X70 BL Trinkwassertype	17,8	780	672	1050
050624	TML-O rund 01X95 BL Trinkwassertype	20,1	1010	912	1425
051154	TML-O rund 01X120 BL Trinkwassertype	22,6	1290	1152	1800

Current rating according HD 384.5.523.

p/n	part name	D _A [mm]	G [kg]	Cu [kg/km]	F _{ZV} [N]
051404	TML-J rund 07X4 BL Trinkwassertype	21,4	500	269	420
051312	TML-J rund 12X1,5 BL Trinkwassertype	17,5	380	173	270
051171	TML-J rund 07X2,5 BL Trinkwassertype	19,1	380	168	262
051313	TML-J rund 12X2,5 BL Trinkwassertype	22,7	580	288	450

p/n	part name	D _A [mm]	G [kg]	Cu [kg/km]	F _{ZV} [N]
051155	TML-O rund 01X150 BL Trinkwassertype	24,9	1590	1440	2250
050928	TML-O rund 01X185 BL Trinkwassertype	27,5	1970	1776	2775
050929	TML-O rund 01X240 BL Trinkwassertype	30,5	2550	2304	3600
051055	TML-O rund 02X1 BL Trinkwassertype	9,1	93	19,2	30

DA	outer diameter
G	weight
Cu	copper
Fzv	tensile strength (during installation)