



INNOVCABLE CABLE TML N-RD



- Conductor material: bare copper wires.
- Conductor class: according to DIN VDE 0295 class 5 and IEC 60228 cl. 5.
- Vein insulation: CECO™ Elastomeric Compound Special for use in water.
- White or black veins identified by sequential numbering according to VDE 0293 or coloured with or without green earth (G).
- TML N-RD: twisted conductors in layers;
- Outer jacket: CECO™ Special Elastomeric Compound.
- Outer jacket in colour BLACK, RAL 9005.
- TML N-RD: 450/750 V;
- Voltage test: TML N-RD: 2.5 kV
- Conductor resistance: According to VDE 0295 class 5 and IEC 60228 class 5.
- Insulation resistance: Min. 20 MΩ Km at 20 °C.
- Min. bending radius: Fixed 4 x d; Moving 5 x d

Identification

INNOVCABLE - TML N-RD n x mm² 450/750 V OF:XXXX/YEAR.

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

RAL 9005

DIN VDE 0293



Similar to DIN VDE 0250

Applications

Cable for permanent use in water for connecting electrical equipment such as submerged pumps, motors. Suitable for industrial water and medium mechanical requirements. Robust product with excellent resistance.

TML N-RD: rated voltage up to 0.6 / 1 kV when protected and fixed, and installed well system pipes.

Manufactured free of silicone during production.

TML N-RD: round shape

Maximum Conductor Temperature

Fixed Min/max: -40° C / +125° C

Movable Min/max: -25° C / +125° C

Constructive Data



Dimensional n x mm ²	Diamêtro mm	Peso cobre Kg/Km	Peso Kg/Km
3 X 70	43,0	2.016,0	3.100,0
4 G 70	49,0	2.688,0	4.200,0
3 X 95	48,5	2.736,0	4.000,0
4 G 95	55,0	3.648,0	5.300,0
TML N-F			
3 X 1,5	6,6 X 13,8	43,0	140,0
4 G 1,5	6,5 X 16,7	58,0	180,0
3 X 2,5	7,1 X 15,5	72,0	220,0
4 G 2,5	7,1 X 19,5	96,0	230,0
3 X 4	8,5 X 19,3	115,0	280,0
4 G 4	8,5 X 24,1	154,0	350,0
3 X 6	9,6 X 22,2	173,0	400,0
4 G 6	9,6 X 27,9	230,0	450,0
3 X 10	11,2 X 26,9	288,0	600,0
4 G 10	11,4 X 34,4	384,0	800,0
3 X 16	13,0 X 31,2	461,0	900,0
4 G 16	13,3 X 40,0	616,0	1.100,0
3 X 25	15,6 X 37,6	720,0	1.200,0
4 G 25	15,8 X 46,6	960,0	1.600,0
3 X 35	17,5 X 42,2	1.008,0	1.600,0
4 G 35	18,0 X 54,2	1.344,0	2.100,0
3 X 50	22,5 X 49,6	1.440,0	2.200,0
4 G 50	22,6 X 61,8	1.920,0	3.000,0
3 X 70	23,4 X 56,6	2.016,0	3.000,0
4 G 70	24,0 X 70,0	2.688,0	4.100,0
3 X 95	25,5 X 57,7	2.736,0	3.900,0
4 G 95	26,1 X 78,4	3.648,0	5.200,0



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3 X 25	15,6 X 37,6	720,0	1.200,0
4 G 25	15,8 X 46,6	960,0	1.600,0
3 X 35	17,5 X 42,2	1.008,0	1.600,0
4 G 35	18,0 X 54,2	1.344,0	2.100,0
3 X 50	22,5 X 49,6	1.440,0	2.200,0
4 G 50	22,6 X 61,8	1.920,0	3.000,0
3 X 70	23,4 X 56,6	2.016,0	3.000,0
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Notes

- Innovcable reserves the right to modify this catalogue without prior notice.