



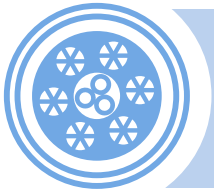
**Caledonian**

[www.caledonian-cables.co.uk](http://www.caledonian-cables.co.uk)

# Caledonian Pump Cables for Drinking Water



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## Round Cables

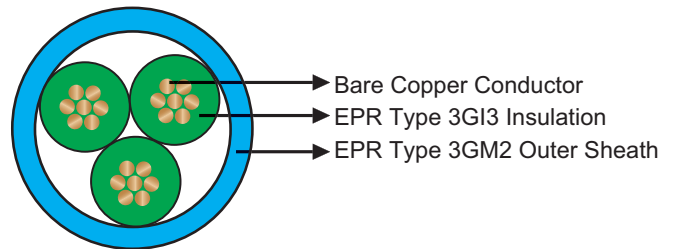
### Submersible Cable For Drinking Water (Round)

#### » Cable Application

These cables are designed for making connections to submersible pumps in drinking water. It can also be used in industrial water

#### » Standard

DIN VDE 0282, part 16  
 DIN VDE 0295  
 IEC 60228  
 DIN VDE 0298  
 DIN VDE 0472



#### » Construction

Conductor: Bare copper stranded class 5 to VDE0295, IEC 60228  
 Insulation: EPR type 3GI3  
 Outer Sheath: EPR type 3GM2, coloured blue.

#### » Technical data

Test Voltage 50Hz, 5 min: 2500V  
 Rated Voltage: 450/750V  
 Maximum admissible conductor Temperature in Operation: 90°C  
 Short Circuit Temperature: 250°C  
 Temperature Range:-40°C~+60°C

#### » Dimensions

No. of cores x cross	Outer Diameter		Net weight kg/km
	Min. value mm	Max. value mm	
1 x 1.5	5.8	7.2	54
1 x 2.5	6.4	8.0	76
1 x 4	7.4	9.0	105
1 x 6	8.0	11.0	135



## Round Cables

No. of cores x cross	Outer Diameter		Net weight kg/km
	Min. value mm	Max. value mm	
1 x 10	9.8	12.5	200
1 x 16	11.0	14.5	290
1 x 25	12.5	16.5	410
1 x 35	14.0	18.5	560
1 x 50	16.5	21.0	740
1 x 70	18.5	23.5	1000
1 x 95	21.0	26.0	1300
1 x 120	23.5	28.5	1650
1 x 150	26.0	31.5	2000
1 x 185	27.5	34.5	2500
1 x 240	30.5	38.0	3100
1 x 300	33.5	41.5	3700
2 x 1.5	9.0	11.5	130
2 x 2.5	10.5	13.5	190
2 x 4	12.0	15.0	260
2 x 6	13.5	18.5	350
2 x 10	18.5	24.0	550
2 x 16	21.0	27.5	900
2 x 25	25.0	31.5	1300
3 x 1.5	9.6	12.5	150
3 x 2.5	11.5	14.5	220
3 x 4	13.0	16.0	340
3 x 6	14.5	20.0	480
3 x 10	20.0	25.5	750
3 x 16	22.5	29.5	1100
3 x 25	26.5	34.0	1450
3 x 35	29.5	38.0	2100
3 x 50	34.5	44.0	2800
3 x 70	39.0	49.5	3800
3 x 95	44.0	54.6	4600
3 x 120	47.5	59.0	5400
4G1.5	10.5	13.5	190
4G2.5	12.5	15.5	280
4G4	14.5	18.0	390
4G6	16.5	22.0	520
4G10	22.5	24.5	950
4G16	26.5	28.5	1400
4G25	32.0	34.0	1950
4G35	33.0	42.5	2700
4G50	38.0	48.5	3600
4G70	43.0	54.5	4900



## Round Cables

No. of cores x cross	Outer Diameter		Net weight kg/km
	Min. value mm	Max. value mm	
4G95	50.0	60.5	6200
4G120	53.0	65.5	7200
5G1.5	11.5	15.0	230
5G2.5	13.5	17.0	340
5G4	16.0	19.5	470
5G6	18.0	24.5	640
5G10	24.0	30.5	1150
5G16	27.0	35.5	1700
7G1.5	16.5	17.5	370
10G1.5	18.6	19.6	460
7G2.5	18.9	19.4	510
10G2.5	21.4	21.9	650



## Flat Cables

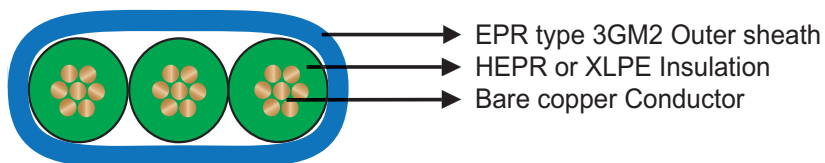
### Submersible Cable For Drinking Water (Flat)

#### » Cable Application

These cables are designed for making connections to submersible pumps in drinking water. It can also be used in industrial water

#### » Standard

DIN VDE 0282, part 16  
 DIN VDE 0295  
 IEC 60228  
 DIN VDE 0298  
 DIN VDE 0472



#### » Construction

Conductor: Bare copper stranded class 5 to VDE0295, IEC 60228  
 Insulation: HEPR or XLPE  
 Outer Sheath: EPR type 3GM2, coloured blue.

#### » Technical data

Test Voltage 50Hz, 5 min: 2500V  
 Rated Voltage: 450/750V  
 Maximum admissible conductor Temperature in Operation: 90°C  
 Short Circuit Temperature: 250°C  
 Temperature Range: -40°C~+60°C

#### » Dimensions

No. of cores x cross	Outer Dimensions approx mm x mm	Net weight approx kg/km
3x1.5	12.4x5.7	100
3x2.5	14.2x6.7	170
3x4	16.6x7.9	240



## Flat Cables

No. of cores x cross	Outer Dimensions approx mm x mm	Net weight approx kg/km
3x6	18.4x8.5	300
3x10	21.4x9.5	450
3x16	25.9x11.5	680
3x25	30.7x13.1	950
3x35	35.2x15.0	1300
3x50	40.9x17.3	1800
3x70	47.9x19.8	2450
3x95	53.6x22.6	3150
4G1.5	15.4x5.9	140
4x2.5	17.6x6.7	200
4G4	20.6x7.9	290
4G6	23.3x8.5	380
4G10	27.3x9.5	580
4G16	32.7x11.5	880
4G25	39.1x13.1	1260
4G35	45.6x15.0	1700
4G50	52.0x17.3	2360
4G70	61.2x19.8	3250
4G95	69.6x22.6	4150

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