

Description: Single & multicore round cables for use on submersible pumps suitable for drinking water. The cable is WRAS (Water Regulations Advisory Scheme) approved and has AD8 submersion classification.



Construction

Conductor Material : Bare Copper, Class 5
 Insulation Material : Cross Linked Polyethylene (XLPE)
 Sheath Material : Cross Linked Rubber
 Sheath Colour : Blue
 Core Identification : 3core – Brown, Blue, Green/Yellow
 : 4core – Brown, Black, Grey, Green/Yellow

Electrical Characteristics

Conductor Resistance : BS EN 60228
 Working Voltage : 0.6/1kV
 Test Voltage : 4000V
 Insulation Resistance : > 200 MΩ km

Physical Characteristics

Bend Radius : 5 x OD
 Temperature Rating : Flexing -25°C to +50°C Static -40°C to +80°C
 Maximum Temperature in Drinking Water : +40°C
 Maximum Conductor Temperature : +90°C

Standards

Halogen Gas Emission : BS EN 60754-1&2 & EN 50267-2
 Approvals : WRAS, ACS, KTW, D.M.174. & AD8 classification
 RoHS3 Compliant : Yes
 CE Compliant : LVD (2014/35/EU)

Part No.	Cores x mm ²	O/D mm	Weight kg/km	Part No.	Cores x mm ²	O/D mm	Weight kg/km	Part No.	Cores x mm ²	O/D mm	Weight kg/km
59101003	3 G 1.0	8.6	82	59110001	1 x 10	9.1	138	59150003	3 G 50	31.3	2012
59101004	4 G 1.0	9.5	102	59110003	3 G 10	16.8	459	59150004	4 G 50	34.6	2610
59101503	3 G 1.5	9.7	106	59110004	4 G 10	18.5	588	59170001	1 x 70	20.7	991
59101504	4 G 1.5	10.6	130	59116001	1 x 16	10.4	198	59170003	3 G 70	35.8	2640
59102501	1 x 2.5	6.2	53	59116003	3 G 16	19.6	689	59170004	4 G 70	39.7	3593
59102503	3 G 2.5	10.9	149	59116004	4 G 16	21.5	880	59195001	1 x 95	20.7	991
59102504	4 G 2.5	12.0	186	59125001	1 x 25	12.3	304	59195003	3 G 95	41.9	3500
59104001	1 x 4.0	7.0	69	59125003	3 G 25	23.9	1060	59195004	4 G 95	46.8	4774
59104003	3 G 4.0	12.4	214	59125004	4 G 25	26.4	1365	59112001	1 x 120	23.0	1234
59104004	4 G 4.0	13.6	272	59135001	1 x 35	14.0	417	59115001	1 x 150	25.4	1639
59106001	1 x 6.0	7.7	93	59135003	3 G 35	27.0	1385	59118501	1 x 185	27.4	1994
59106003	3 G 6.0	13.9	292	59135004	4 G 35	30.1	1784	59124001	1 x 240	30.5	2532
59106004	4 G 6.0	15.4	377	59150001	1 x 50	15.8	570	59130001	1 x 300	34.0	3350

G = include Green/Yellow earth core
 x = without Green/Yellow earth core

Rubber cables vary considerably in diameter from one manufacturer to another. If diameter is critical, please ask at time of order and we will check the stock you will be sent.