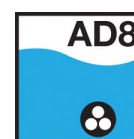


**Description:** Single & multicore round cables for use on submersible pumps suitable for drinking water. The cable is WRAS (Water Regulations Advisory Scheme) approved and has AD8 submersion classification.



### 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  
 RoHS2 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU)

Part No.	Cores x mm <sup>2</sup>	O/D mm	Weight kg/km
59101003	3 G 1.0	8.6	82
59101004	4 G 1.0	9.5	102
59101503	3 G 1.5	9.7	106
59101504	4 G 1.5	10.6	130
59102501	1 x 2.5	6.2	53
59102503	3 G 2.5	10.9	149
59102504	4 G 2.5	12.0	186
59104001	1 x 4.0	7.0	69
59104003	3 G 4.0	12.4	214
59104004	4 G 4.0	13.6	272
59106001	1 x 6.0	7.7	93
59106003	3 G 6.0	13.9	292
59106004	4 G 6.0	15.4	377

Part No.	Cores x mm <sup>2</sup>	O/D mm	Weight kg/km
59110001	1 x 10	9.1	138
59110003	3 G 10	16.8	459
59110004	4 G 10	18.5	588
59116001	1 x 16	10.4	198
59116003	3 G 16	19.6	689
59116004	4 G 16	21.5	880
59125001	1 x 25	12.3	304
59125003	3 G 25	23.9	1060
59125004	4 G 25	26.4	1365
59135001	1 x 35	14.0	417
59135003	3 G 35	27.0	1385
59135004	4 G 35	30.1	1784
59150001	1 x 50	15.8	570

Part No.	Cores x mm <sup>2</sup>	O/D mm	Weight kg/km
59150003	3 G 50	31.3	2012
59150004	4 G 50	34.6	2610
59170001	1 x 70	20.7	991
59170003	3 G 70	35.8	2640
59170004	4 G 70	39.7	3593
59195001	1 x 95	20.7	991
59195003	3 G 95	41.9	3500
59195004	4 G 95	46.8	4774
59112001	1 x 120	23.0	1234
59115001	1 x 150	25.4	1639
59118501	1 x 185	27.4	1994
59124001	1 x 240	30.5	2532
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.

FS Cables      Tel: 01727 840 841      sales@fscables.com      www.fscables.com

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