

**Description:** Multicore round screened 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)  
 Overall Screen : Tinned Copper Wire Braid (Coverage ≥85%)  
 Sheath Material : Cross Linked Rubber2  
 Sheath Colour : Blue  
 Core Identification : 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 <sup>2</sup>	O/D mm	Weight kg/km
59201004	4 G 1.0	10.4	138
59201504	4 G 1.5	11.6	167
59202504	4 G 2.5	12.9	240
59204004	4 G 4.0	14.6	325
59206004	4 G 6.0	16.6	460
59210004	4 G 10	20.0	759
59216004	4 G 16	23.0	1061
59225004	4 G 25	28.0	1580
59235004	4 G 35	32.0	2110
59250004	4 G 50	36.5	3051

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.