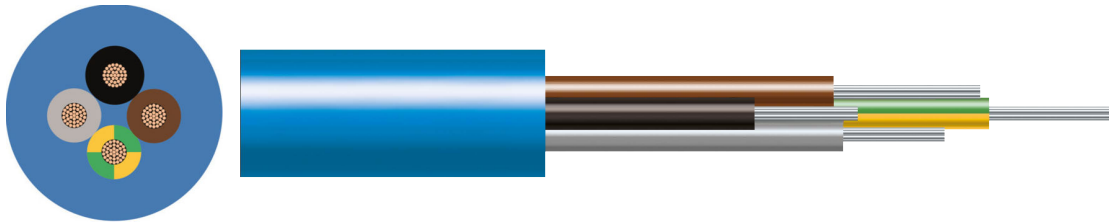



WRAS APPROVED EPDM DRINKING WATER CABLE



These WRAS approved cables are designed for submersible pump operation in drinking water and various water environments. Featuring a non-toxic, non-leaching cross-linked rubber jacket, they prevent microbial growth and maintain water quality. Suitable for permanent immersion, they are ideal for fishponds, swimming pools, and food manufacturing. With WRAS approval, they ensure water safety and integrity, offering reliability in water treatment operations.

CONDUCTOR	Tinned Copper
STRANDING	Class 5
INSULATION	EPDM
OUTERSHEATH	EPDM
OUTERSHEATH COLOUR	Light Blue
RATED VOLTAGE	450/750v
CORE IDENTIFICATION	Single core - Black 4 core - Green/Yellow, Brown, Black, Grey
MINIMUM BENDING RADIUS	Fixed: 3 x overall diameter / Flexed: 5 x overall diameter
OPERATING TEMPERATURE	Temperature Rating: -25°C to +90°C / Maximum Water Temperature: +80°C
STANDARDS	WRAS approved Certificates available on request
APPROVALS	

SPECIFICATION DATA

BATT Part No	No of cores	Nominal cross sectional area of conductor (mm ²)	Approx overall diameter (mm)	Weight (kg/km)
21032	1	25	11.7	305
21017	1	50	15.3	570
21018	1	70	17.6	795
21019	1	95	19.7	1030
21031	1	120	22.2	1305
21028	4	1.5	10.2	135
21014	4	2.5	11.8	200
21025	4	4	13.2	270
21022	4	6	14.6	380
21029	4	10	18.8	630
21026	4	16	21.1	870
21016	4	25	26.3	1310
21020	4	35	29.4	1725
21021	4	50	34.7	2490
21015	4	70	39.8	3420
21023	4	95	45.4	4480
21013	4	120	50.6	5605
21024	7	2.5		

ELECTRICAL CHARACTERISTICS

Nominal cross sectional area (mm ²)	Current carrying capacity (Laying in Air)	Current carrying capacity (Laying in Water)
1.5	23	29
2.5	32	38
4	42	52
6	54	67
10	75	94
16	100	125
25	127	166
35	158	205
50	192	256
70	246	316
95	298	377
120	346	438
150	399	505
185	456	577
240	538	681
300	621	785

Conductor temperature: +90°C

Ambient air/water temperature: +30°C

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

