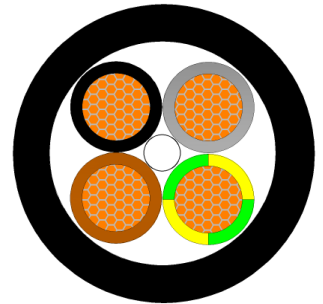
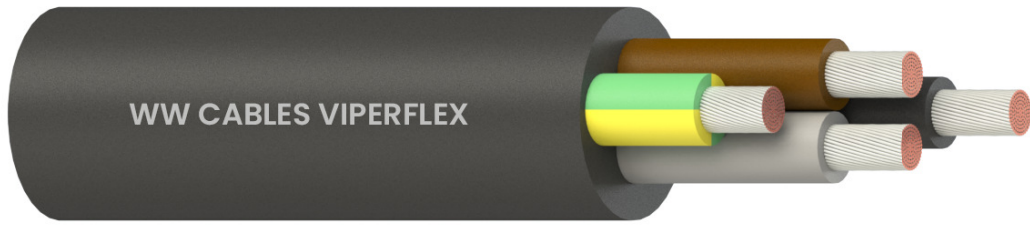




## 3C+E EPR Insulated H07 Submersible Rubber Cables 0.6/1kV, Flexible Cu



Note: The above drawing is for representation purpose only.

### Description

Conductor:	Class 5 Flexible Tinned Annealed Copper
Insulation:	EPR
Sheath:	CPE

### Core Identification

Brown, Black, Grey, Green/Yellow

### Sheath Colour

Black

### Technical Data

Voltage Rating:	0.6/1kV
Operating Temperature:	-40°C to +90°C
Short Circuit Temperature:	250°C for 5 sec

### Standards Compliance

AS/NZS 5000.1	AS/NZS 1125
AS/NZS 3808	AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)
VDE 0293-308	

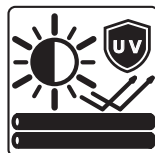
### Characteristics



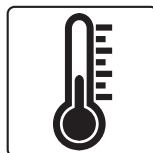
SUBMERSIBLE



FLAME RETARDANT



UV STABILISED



-40°C ~ +90°C



FLEXIBLE

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## 3C+E EPR Insulated H07 Submersible Rubber Cables 0.6/1kV, Flexible Cu

### Physical Characteristics

WWC Product Code	Conductor Size (mm <sup>2</sup> )	Conductor Diameter (mm)	Insulation Thickness (mm)	Earth Conductor Size (mm <sup>2</sup> )	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/km)
						During Installation	After Installation	
4011ERTC	1	1.26	1.0	1	11.0	86	46	168
4015ERTC	1.5	1.55	1.0	1.5	12.1	95	50	209
4025ERTC	2.5	1.97	1.0	2.5	13.6	106	56	303
4040ERTC	4	2.54	1.0	4	15.1	117	62	434
4060ERTC	6	3.09	1.0	6	17.1	132	70	571
4100ERTC	10	4.36	1.2	10	23.9	187	100	980
4160ERTC	16	5.44	1.2	16	26.9	209	112	1367
4250ERTC	25	6.88	1.4	25	32.3	254	135	2012
4350ERTC	35	8.59	1.4	35	37.1	290	154	2615
4500ERTC	50	10.38	1.6	50	43.1	338	180	3616
4700ERTC	70	11.68	1.6	70	47.1	368	196	4772
4950ERTC	95	13.51	1.8	95	53.9	419	224	6345
*SM4200ERTC	120	15.37	1.8	120	58.5	454	242	7751
*SM4150ERTC	150	17.31	2.0	150	66.6	522	278	9607
*SM4185ERTC	185	18.51	2.2	185	71.7	560	299	11754
*SM4240ERTC	240	21.51	2.4	240	81.5	641	342	15020
*SM4300ERTC	300	23.79	2.6	300	89.6	702	374	18569

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\*These cables are non-stocked items subject to lead times.

### Electrical Characteristics

Conductor Size (mm <sup>2</sup> )	*Current-carrying capacity (A)			Maximum D.C. Resistance of conductor at 20°C (Ω/km)	Reactance at 50Hz (Ω/km)
	In Air Touching	In Air Enclosed	In Ground Enclosed		
1	15	14	17	20.0	0.136
1.5	19	17	21	13.7	0.127
2.5	26	23	28	8.21	0.118
4	34	29	36	5.09	0.108
6	43	37	45	3.39	0.103
10	61	52	62	1.95	0.0936
16	81	67	79	1.24	0.0887
25	108	89	103	0.795	0.0871
35	135	111	127	0.565	0.0839

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## 3C+E EPR Insulated H07 Submersible Rubber Cables 0.6/1kV, Flexible Cu

### Electrical Characteristics

Conductor Size (mm <sup>2</sup> )	†Current-carrying capacity (A)			Maximum D.C. Resistance of conductor at 20°C (Ω/km)	Reactance at 50Hz (Ω/km)
	In Air Touching	In Air Enclosed	In Ground Enclosed		
50	170	136	155	0.393	0.0832
70	214	173	193	0.277	0.0800
95	256	202	226	0.210	0.0796
120	303	242	266	0.164	0.0774
150	348	274	300	0.132	0.0775
185	396	314	339	0.108	0.0771
240	472	379	402	0.0817	0.0764
300	539	-	452	0.0654	0.0761

†Based on ambient air temperature of 40°C, soil temperature of 25°C, burial depth of 0.5m and soil thermal resistivity of 1.2K.m/W.

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