

TECHNICAL DATA SHEET

Submersible Winding Wires

3 core flat cables in copper conductor with PVC Vs. XLPE core insulation

Conductor		Insulation Thickness		Sheath Thickness		Overall Dimensions				Current Carrying Capacity	
Area	No./Strand dia	(Nom)	(Nom)	(Nom)	(Nom)	Width		Height		Resis.@ 20°C	@40°C
	(Nom)					(Appr ox)	(Appr ox)	(Appr ox)	(Appr ox)	Max.	
		PVC	XLPE	PVC	XLPE	PVC	XPPE	PVC	XLPE		
Sq.mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Ohms/K m	Amps
1.0	37/0.186	0.6	N/A	0.90	N/A	9.85	N/A	4.55	N/A	19.5	12
1.5	22/0.30	0.6	N/A	0.90	N/A	10.3	N/A	4.95	N/A	12.10	14
2.5	36/0.30	0.7	0.70	1.00	1.00	12.7	12.7	5.9	6.0	7.41	18
4.0	56/0.30	0.8	0.70	1.00	1.00	14.9	14.9	6.6	6.6	4.95	26
6.0	84/0.30	0.8	0.70	1.15	1.10	16.5	16.90	7.7	7.4	3.30	31
10.0	140/0.30	1.0	0.70	1.40	1.20	21.0	20.30	9.3	9.1	1.91	42
16.0	226/0.30	1.0	0.70	1.40	1.30	24.5	23.80	10.7	10.4	1.21	57
25.0	354/0.30	1.2	0.90	2.00	1.50	30.6	29.60	13.4	12.9	0.78	72
35.0	495/0.30	1.2	0.90	2.00	1.60	34.6	33.60	15.0	14.4	0.554	90
50.0	703/0.30	1.4	N/A	2.20	N/A	41.2	N/A	17.5	N/A	0.386	115
70.0	440/0.45	1.4	N/A	2.20	N/A	46.6	N/A	19.0	N/A	0.272	143
50.0	703/0.30	1.4	N/A	2.20	N/A	41.2	N/A	17.5	N/A	0.386	115
95.0	485/0.50	1.6	N/A	2.40	N/A	53.0	N/A	21.5	N/A	0.206	165

We are just a call away to answer all your queries!

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