

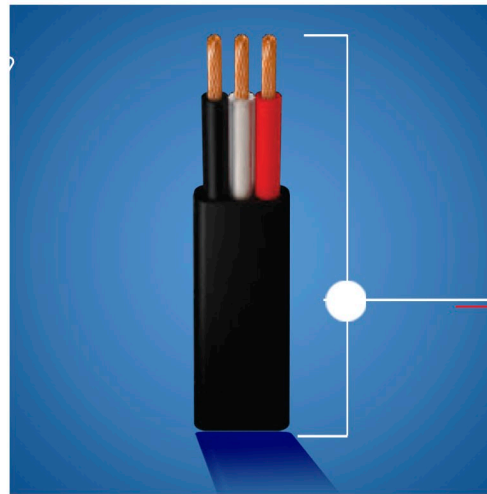
FLAT SUBMERSIBLE CABLE

600 V / 1000 V



PROPERTIES

- ✓ High reliability
- ✓ Good flexibility
- ✓ High moisture resistance
- ✓ Good corrosion resistance
- ✓ High mechanical stress resistance
- ✓ High chemical resistance
- ✓ High abrasion resistance



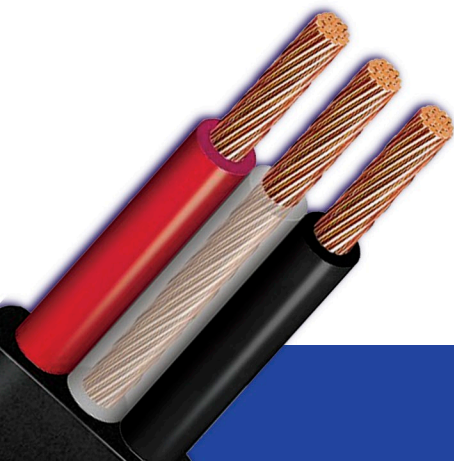
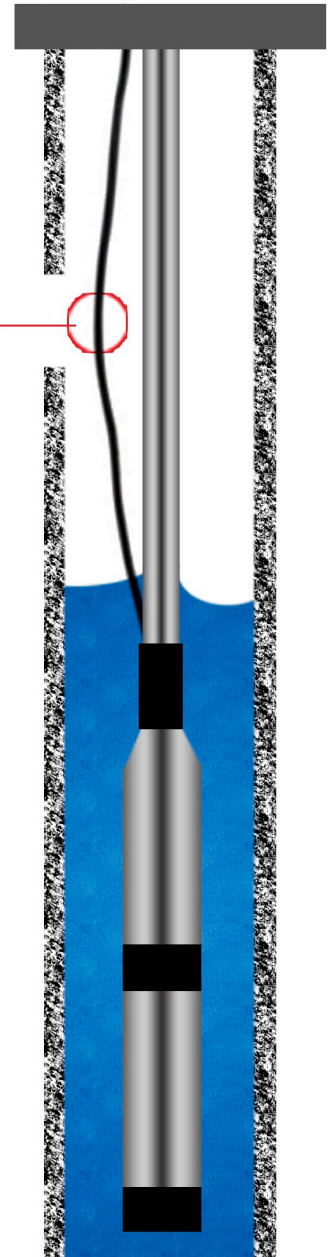
TECHNICAL INFORMATION

- ✓ 3-Wire Flat Parallel Cable (w/o ground)
- ✓ Ambient wet temperature 75°C / dry 90°C
- ✓ Insulation material Polyethylene (PE)
- ✓ Outer cover Polyvinyl chloride (PVC)
- ✓ Flexible soft copper multi-thread conductors



APPLICATIONS

- ✓ Submersible pumping in Mechanical and Hand-dug wells
- ✓ Pumping from Reservoirs
- ✓ Booster and Pumping Stations



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Electrical Cable Supply for Submersible Motors

AWG Caliber	Number of wires	Insulation Nominal Thickness		Outer Jacket Nominal Thickness		Nominal dimensions				weight kg / km
						Height		Width		
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	
14	19	0.045	1.14	0.059	1.50	0.283	7.19	0.61	15.57	155
12	65	0.045	1.14	0.059	1.50	0.303	7.69	0.67	17.06	190
10	104	0.045	1.14	0.059	1.50	0.328	8.32	0.75	18.97	280
8	168	0.055	1.40	0.079	2.00	0.430	10.92	0.97	24.75	476
6	266	0.055	1.40	0.079	2.00	0.472	11.98	1.10	27.93	652
4	420	0.055	1.40	0.079	2.00	0.524	13.31	1.26	31.92	919
2	665	0.055	1.40	0.079	2.00	0.590	14.99	1.46	36.96	1328
1/0	1 064	0.065	1.65	0.110	2.80	0.758	19.26	1.83	46.57	2135
2/0	1 323	0.065	1.65	0.110	2.80	0.805	20.45	1.97	50.15	2579
3/0	1 666	0.065	1.65	0.110	2.80	0.861	21.86	2.14	54.38	3137
4/0	2 107	0.065	1.65	0.110	2.80	0.924	23.47	2.33	59.22	3833

NOTE: These are approximate data and are subject to manufacturing tolerances.



Current-carrying capacity

Code	Maximum Voltage	AWG Caliber	Amp. 75 °C into the air
12002089	600 V	14	20
12002090	600 V	12	25
12002091	600 V	10	35
12002092	600 V	8	50
12002093	1000 V	6	65
12002094	1000 V	4	85
12002095	1000 V	2	115
12002096	1000 V	1/0	115
12002097	1000 V	2/0	175
12002098	1000 V	3/0	200
12002099	1000 V	4/0	230

CERTIFICATES

- NOM-063-SCFI:** Electrical products, conductors, safety requirements.
- NMX-J-514-ANCE:** Cables for supply of submersible pumps for deep well with thermoplastic or thermostatic insulation for 1000V.
- CERTIFICATE OF QUALITY:** ISO 9001:2015

- PRODUCT CERTIFICATE:** Association of Standardization and Certification A.C (ANCE).
- CERTIFICATE OF QUALITY:** ISO 9001:2008 quality system certified by Underwriters Laboratories (UL)