

PVC SUBMERSIBLE CABLE

CABLE DESCRIPTION

- High conductivity bunched plain flexible copper conductor to SANS 1411 Part 1.
- Cores insulated and bedded with flexible PVC.
- Flexible Grade PVC Nitrile outer sheath.
- Power supply of mobile and stationary industrial machinery.
- Applications submersible pumps that require medium duty abrasion and where oil and water resistance is required
- High abrasion resistance, chemical resistance, oil and water resistant
- Flame retardant and self-extinguishing

PROPERTIES

Specification:	SANS 1574
Temperature Range:	-10oC to 70oC
Voltage Rating:	600/1,000 V
Sheath Identification:	PVC Nitrile – Blue
Core Identification:	Red, Yellow, Blue, Black
Packaging:	100 meter lengths or a drum of 500 meters.

TECHNICAL DATA

Cable Size	Conductor Resistance @ 20oC Max.	Current Rating	Volt Drop		Approx. Overall Diameter	Min. Bending Radius	Approx. Cable Mass
			1∅ 220V	3∅ 380V			
(mm ²)	(Ω/km)	(A)	(mV/A/m)	(mm)	(mm)	(kg/m)	
3 Core							
1.5 x 3	13.3	15	29	25	10.2	82	0.15
2.5 x 3	7.98	20	17	15	11.7	94	0.2
4 x 3	4.96	30	12	9.5	13.5	108	0.3
6 x 3	3.3	35	7.3	6.4	15.1	121	0.5
10 x 3	1.91	50	4.3	3.8	17.6	141	0.6
16 x 3	1.21	65	2.8	2.4	20.1	161	0.8
4 Core							
1.5x4	13.3	15	29	25	11.2	89	0.2
2.5x4	7.98	20	17	15	12.8	102	0.25
4x4	4.96	30	12	9.5	14.6	116	0.35
6x4	3.30	35	7.3	6.4	16.5	132	0.5
10x4	1.91	50	4.3	3.8	19.2	153	0.7
16x4	1.21	65	2.8	2.4	22.0	176	1