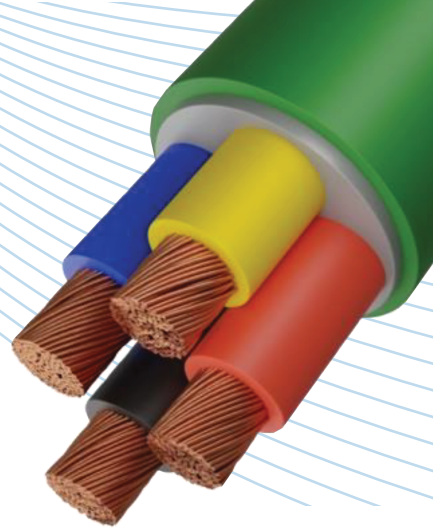


SUBMERSIBLE PUMP CABLE

Cable Description

Submersible pump cables are specially designed cables used to supply power to submersible pumps that operate underwater. These cables must be highly durable and resistant to harsh environmental conditions, as they are submerged for long periods. They are commonly used in applications such as deep-well pumping, sewage treatment, irrigation, and other water extraction operations in agriculture, mining, and municipal water systems. Submersible pump cables are engineered to meet stringent safety and performance standards, ensuring they remain reliable in challenging underwater environments while providing uninterrupted power to pump systems.



Technical Data

Specification:	SABS SANS 1574
Temperature Range: -10°C to 70°C	Voltage Rating: 600/1000V
Core Identification:	3 Core – Red, Yellow and Blue 4 Core – Red, Yellow, Blue and Black
Sheath Colours:	Blue (3 Core) and Green (4 Core)

Part Number	NO. Cores X Size (mm ²)	Nominal Stranding NO. X Diameter	Conductor Resistance @ 20°C Maximum (Ω/km)	Current Rating (A)	Volt Drop (mV / A/m)		Approx. Overall Diameter (mm)
					1ΦV 220V	3ΦV 380V	
3 Core (Blue Sheath)							
SPC1.5F03BLU	3G 1.50	42/0.205mm ²	13,3Ω	15	29	25	10.20
SPC2.5F03BLU	3G 2.50	68/0.205mm ²	7,98Ω	20	17	15	11.70
SPC4.0F03BLU	3G 4.00	110/0.205mm ²	4,95Ω	30	12	9.5	13.50
SPC6.0F03BLU	3G 6.00	175/0.205mm ²	3.30Ω	35	7.3	6.4	15.10
4 CORE (Green Sheath)							
SPC1.5F03BLU	4G 1.50	42/0.205mm ²	13,3Ω	15	29	25	11.20
SPC2.5F03BLU	4G 2.50	68/0.205mm ²	7,98Ω	20	17	15	12.80
SPC4.0F03BLU	4G 4.00	110/0.205mm ²	4,95Ω	30	12	9.5	14.60
SPC6.0F03BLU	4G 6.00	175/0.205mm ²	3.30Ω	35	7.3	6.4	16.50

Applications

- Water wells and boreholes
- Sewage and wastewater treatment
- Irrigation and drainage systems
- Mining and industrial water extraction

Key Features

Insulation: Made from high-grade materials such as PVC, which provide excellent moisture resistance and electrical insulation.

Sheathing: Protective sheaths offer resistance to water, oils, and chemicals, ensuring longevity and safe operation in submerged conditions.

Flexibility: Designed to be flexible enough for easy installation in deep wells and tight spaces, reducing stress on the cable during pump operation.

Conductors: Constructed with high-quality copper or other conductive materials to minimize energy loss and ensure efficient power delivery.

Temperature and Pressure Resistance: Rated to handle high pressures and temperature variations encountered in deep or shallow water applications.