

Presenting

 **3 CORE XLPE FLAT SUBMERSIBLE CABLES** 



# POLYCAB

*Connection Zindagi Ka*



POLYCAB ELECTRIC 1100V XLPE 3C X 2.5 SQ MM 2XY FLAT CABLE

- Tough & flexible cable provides safety
- Excellent moisture & weather resistance
- Best quality of electrolytic grade copper saves power
- High abrasion resistant special grade PVC
- Temperature range: - 75° C in wet condition and 90° C in dry area
- Available in various sizes

## 3 CORE FLAT CABLES FOR SUBMERSIBLE PUMP MOTORS

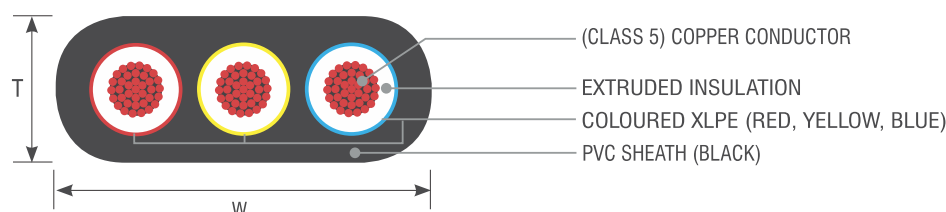
Polycab 3 Core Flat Cables are manufactured for critical space requirement, protection against indefinite immersion in water under specified conditions, protection against rain-water and against ingress of small solid foreign bodies.

Polycab 3 Core Flat Cables are produced from best quality electrolytic copper, which is drawn, annealed on-line and bunched on automatic machines to ensure flexibility and uniform resistance. The conductors are insulated with a XLPE on sophisticated extrusion lines. Outer sheath consists of highly abrasion resistant PVC compound impervious to grease, oil and water etc.

### XLPE 1100 V Grade POLYCAB-3 Core Flat Cables (generally conforming to IS : 694)

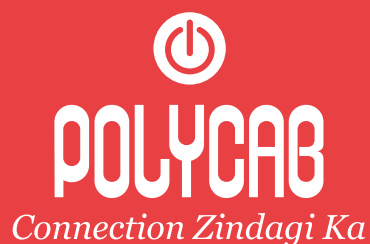
Conductor		Insulation Thickness (nom.) mm	Sheath		Conductor Resistance @ 20° C (max.) Ohms/km	Current carrying capacity @ 40° C Amps
Area (nom.) sq. mm	No./dia. of strands mm		Overall dimensions			
		Thickness (nom.) mm	Size (approx.) (W x T) mm			
1.5	30/0.25	0.7	0.9	11.2 x 5	13.3	22
2.5	50/0.25	0.7	1.0	12.6 x 5.6	7.98	29
4.0	56/0.3	0.7	1.1	14.5 x 6.3	4.95	40

Note : Insulation thickness, sheath thickness and overall dimensions given in this table are nominal values. The strand diameter is nominal. However, construction of the conductor is designed to satisfy the requirement of conductor resistance as per IS 8130 : 1984



### XLPE 1100 V Grade POLYCAB-3 Core Flat Cables (generally conforming to IS : 694)

Conductor		Insulation Thickness (nom.) mm	Sheath		Conductor Resistance @ 20° C (max.) Ohms/km	Current carrying capacity @ 40° C Amps
Area (nom.) sq. mm	No./dia. of strands mm		Overall dimensions			
		Thickness (nom.) mm	Size (approx.) (W x T) mm			
6	84/0.3	0.7	1.1	16.4 x 7	3.30	51
10	80/0.4	0.7	1.2	19.3 x 8.1	1.91	69
16	126/0.4	0.7	1.3	22.8 x 9.4	1.21	87
25	196/0.4	0.9	1.5	28.1 x 11.5	0.78	115
35	276/0.4	0.9	1.6	31.9 x 12.9	0.554	143
50	396/0.4	1.0	1.7	37.5 x 14.9	0.386	180


  
**POLYCAB**
  
 Connection Zindagi Ka

Corporate office :

Polycab Wires Pvt. Ltd.

Polycab House, 771, Mogul Lane, Mahim (W), Mumbai 400 016.

E-mail : enquiry@polycab.com • Website : www.polycab.com • Customer care number : 1800 267 0008.

Join us on :

 www.facebook.com/PolycabInd | 
  www.twitter.com/PolycabIndia | 
  www.linkedin.com/company/Polycab