



PVC 3 Core Flat Cables

Generally conforms to, CENELEC HD 21, UL-83, IEC 60227, BS 6500, DIN VDE 0281, IS 694

Copper:

EC flexible copper Generally conforms to IEC 60228, DIN VDE 0295, IS 8131

Insulation:

PVC insulation compound TI-1

Operating tem.	: -20°C to max. +80°C
Nominal voltage	: 1100 V
Test voltage	: 3000 V
Min. bending radius	: 6 x cable diameter
Flame propagation	: Flame retardant testas per IEC 60332-1

Outer Sheath:

Speacial PVC : Black, Blue

*Any other Color on specific request can also be supplied

- Good insulation properties when submerged in winter
- Quality backed by 40 years experience in cable industry
- Excellent resistant to moisture, abrasion, grace, oil Longer Flex Life
- Excellent mechanical & electrical properties
- Generally Conforming to : CENELEC HD 21, IEC 60227,
- UL-83,BS 6500, DIN VDE 0281, IS 694
- Approved by GWSSB, GWRDC, TWAD, PHED, PSTC, ONGC, Railways, Mines etc
- Tested by SGS, EIL, RITES, NPC

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Specifications of PVC Flat - 3 core

CONDUCTOR		PVC INSULATION		TOTAL THICKNESS OF DOUBLE PVC SHEATH			Conductor	CURRENT
Nominal Area in	Nos. & Dia. of wire	Nominal Thickness	Nominal Core Dia.	Nominal Thickness	Approx. Overall Dimensions		Resistance at 20°C (max) ohms/km	Rating at 40°C Amps.
Sq. mm.	Nos. / mm	mm	mm	mm	Thickness mm	Width mm		
1.50	22/0.30	0.8	3.25	1.15	6	12.8	12.1	14
2.5	36/0.30	0.9	3.84	1.15	6.4	14.6	7.41	18
4	56/0.30	1	4.5	1.15	7.4	16.8	4.95	26
6	84/0.30	1	5.3	1.15	7.9	18.7	3.3	31
10	140/0.30	1	6.5	1.4	9.9	23.7	1.91	42
16	224/0.30	1	8	1.4	11.4	28	1.21	57
25	350/0.30	1.2	10.1	2	14.7	35.5	0.78	72
35	490/0.30	1.2	11.3	2	16.2	39.5	0.554	90
50	703/0.30	1.4	13.6	2.2	18.3	45.5	0.386	115
70	988/0.30	1.4	15.3	2.2	20	51	0.272	143
95	1349/0.50	1.6	18	2.4	23.5	60	0.206	165

- The number of wires is approximate and wire diameter is nominal; they shall be such as to satisfy the requirements of conductor resistance as per Class 5 of IEC 60228 / DIN VDE 0295 / IS 8130 / BS 6360
- In view of continuous improvements in our design and process, specifications given here in are subject change without notice.