

PVC 3 & 4 CORE DOUBLE SHEATHED ROUND CABLES



Kanbery Cable Code - PVC DOUBLE SHEATHED - KAN

APPLICATIONS

These cables are designed for residential and commercial infrastructure. They serve as the connecting medium in power and control panels, cabinets & switchgears. They can also be used for the purposes such as stationary and static appliances, motors and for other single phase and three phase connections.

CHARACTERISTICS

Voltage Rating
650 / 1100V

Temperature Rating
-15°C to +70°C

Minimum Bending Radius
Fixed: 6 x overall diameter

CONSTRUCTION

Conductor
class 5 Flexible
conductor As per IS 8130 / IEC 60228

Insulation
Type A PVC As per IS 5831

Sheath - 1
PVC TYPE ST-1, ST-2 AS PER IS 5831

Sheath - 2
PVC TYPE ST-1, ST-2 AS PER IS 5831

Core identification

3 core: ● Green / Yellow ● Red ● Blue ● Green
● Red ● Yellow ● Blue

4 core: ● Red ● Yellow ● Blue ● Green
● Green / Yellow ● Red ● Black ● Blue

Sheath Colour
● Black

Note : (Any other Colour on specific request can also be supplied)

CABLE THIRD PARTY ACCREDITATION

We are Design and confirmed
by bodyline BASIC and ISI

STANDARDS

IS 8130:2013 | IEC 60228
IS 5831:1984
IS 10810:53 | IEC 60332-1

THE CABLE LAB

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY
Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.kanberycable.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable is compliant with European regulation EN 50575 and Bureau of Indian Standards, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab as meeting the requirements of the BSI RoHS Trusted Kitemark™.



DIMENSIONS

PVC 3 & 4 CORE DOUBLE SHEATHED ROUND CABLES (1100 VOLTS)

Conductor		PVC Insulation		Total Thickness Of Double PVC Sheath				Conductor Resistance at 20 °C (Max) ohms/km	Current Rating at 40 °C Amps.
Nominal Size in Sq. mm.	Nos. & Dia of Wire Nos./mm	Nominal Thickness mm	Nominal Core Dia. mm	3 CORE		4 CORE			
				Sheath Thickness mm	Approx. Overall Dimensions mm	Sheath Thickness mm	Approx. Overall Dimensions mm		
1.50	22/0.30	0.60	3.00	1.65	10.00	1.80	10.80	12.10	14
2.50	36/0.30	0.70	3.60	1.65	11.00	1.85	12.50	7.41	18
4.00	56/0.30	0.80	4.30	1.85	13.00	1.85	14.10	4.95	26
6.00	84/0.30	0.80	5.10	1.80	14.60	1.85	16.00	3.30	31
10.00	140/0.30	1.00	6.50	2.00	18.00	2.00	20.35	1.91	42
16.00	224/0.30	1.00	8.00	2.00	21.20	2.00	23.40	1.21	57
25.00	350/0.30	1.20	10.10	2.40	26.50	2.40	29.20	0.780	72
35.00	490/0.30	1.20	11.30	2.60	29.50	2.60	32.40	0.554	90

Rating factors for variation in ambient temperature

Ambient Temperature °C	35 °C	40 °C	45 °C	50 °C	60 °C	65 °C	70 °C
Rating Factor	1.08	1	0.91	0.82	0.7	0.57	0.4