

# PP-201

## POWER CABLE

Single Core Non Sheathed PVC Wire with Flexible Conductor Class 5 - 85°C



IS 694, IS 5831, IS 8130

Voltage Grade : 1100V

### SPECIFICATIONS

Conductor	: Flexible, Bare Copper & Tinned Plated Copper
Type	: Flexible Class 5 as per IS 8130
Core Insulation	: PVC, HR PVC, FR PVC, FRLS PVC, LSZH
Operating Temp.	: 85°C Max.

### FEATURES

- ✓ Max. Temp. Up to 85°C
- ✓ Outstanding Insulating Properties
- ✓ Suitable for flexing application
- ✓ Moisture, Oil & Water Resistance
- ✓ Good Thermal Stability
- ✓ Flame Retardant
- ✓ With ISI Marking

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Covering of Metal Braiding
- ✓ UV Resistance Outer Sheath
- ✓ Anti Termite & Anti Rodent sheath

## CONSTRUCTION DETAILS AND DIMENSIONS

Cable Ordering Code	Cross Section Area (mm <sup>2</sup> )	Insulation thickness (Nom)	Max Cable Diameter mm	Max Conductor resistance @ 20 Deg C		Cable Wgt (Approx.) Kg/Km
				Copper Wire Ohm/Km	Tinned Cu Ohm/Km	
PP201	0.5	0.6	2.6	39	40.1	9.0
PP202	0.75	0.6	2.8	26	26.7	12.5
PP203	1.0	0.6	3.0	19.5	20.0	15.0
PP204	1.5	0.7	3.4	13.3	13.7	19.5
PP205	2.5	0.8	4.1	7.98	8.21	34.0
PP206	4	0.8	4.8	4.95	5.09	52.0
PP207	6	0.8	5.3	3.3	3.39	72.0
PP208	10	1.0	7.0	1.9	1.95	114.0
PP209	16	1.0	8.1	1.21	1.24	168.0
PP210	25	1.2	10.2	0.78	0.795	258.0
PP211	35	1.2	11.7	0.554	0.565	368.0
PP212	50	1.4	14.0	0.386	0.393	490.0
PP213	70	1.4	16	0.272	0.277	680.0
PP214	95	1.6	18	0.206	0.210	910.0
PP215	120	1.6	20	0.161	0.164	1140.0
PP216	150	1.8	23	0.130	0.132	1408.0
PP217	185	2.0	25	0.106	0.108	1740.0
PP218	240	2.2	28	0.080	0.081	2270.0
PP219	300	2.4	31	0.064	0.065	2810.0

### ORDERING CODE

Conductor Size

(PPXXX)

201  
to  
219

Type of Conductor

(XXX)

BC0  
TPC

No. of Core

(XX)

01

Color Code

(XXX)

RE  
YE  
BR  
BL  
BK  
GR  
PU  
OR  
WH  
GN

**Note :** BC0 (Bare Copper), TPC (Tin Plated Copper)

RE - (Red), YE - (Yellow), BR - (Brown), BL - (Blue), BK - (Black), GR - (Grey), PU - (Purple), OR - (Orange), WH - (White), GN - (Green)