

# PP-601

## POWER CABLE (4 Core Armoured)

**PVC Insulated - Inner PVC - G.I. Round/Flat strip - Outer PVC Sheathed - 90°C**



IS 1554, IS 5831, IS 8130

Voltage Grade : 1100V

### SPECIFICATIONS

Conductor	: Solid, Multistrand, Bare Copper, Tinned Plated Copper
Core Insulation	: PVC(Type A), HR PVC(Type C), PVC (Type D)
No. of Core	: 4
Construction	: Twisted
Inner Sheath	: PVC, HR PVC, FR PVC, FRLS PVC, LSZH
Armouring	: Galvanised round wire / flat strip as per IS 3975
Outer Jacket	: PVC, HR PVC, FR PVC, FRLS PVC, LSZH
Operating Temp. :	90°C

### FEATURES

- ✓ Max. Temp. Up to 90°C
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ 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
- ✓ Design as per IEC 60502-1

### CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Cross Section Area (mm <sup>2</sup> )	Wire Type	Insulatio thickness (Nom)	Inner Sheath tho	G.I. Armoured wire/flat strip size (mm)		Sheath thickness (Min)	Nom Cable Diameter mm	Max Conductor resistance @ 20 Deg C (Cu)	Cable Wgt (Approx.) Kg/Km
					Round	Flat Strip				
PP601	1.5	Solid /Stranded	0.8	0.3	1.4	-	1.24	13.3	12.1	480
PP602	2.5	Solid /Stranded	0.9	0.3	1.4	-	1.24	14.7	7.41	590
PP603	4.0	Solid /Stranded	1.0	0.3	1.4	-	1.24	16.3	4.61	749
PP604	6.0	Solid /Stranded	1.0	0.3	1.4	-	1.24	17.6	3.08	878
PP605	10.0	Stranded (Class2)	1.0	0.3	-	0.8	1.4	18.4	1.83	1050
PP606	16.0	Stranded (Class2)	1.0	0.3	-	0.8	1.4	20.8	1.15	1275
PP607	25.0	Stranded (Class2)	1.2	0.3	-	0.8	1.4	24.5	0.727	1748
PP608	35.0	Stranded (Class2)	1.2	0.3	-	0.8	1.4	27	0.524	2350
PP609	50.0	Stranded (Class2)	1.4	0.3	-	0.8	1.72	31.8	0.387	3040
PP610	70.0	Stranded (Class2)	1.4	0.3	-	0.8	1.56	35.4	0.268	3930

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(PPXXX)	(XXX)	(XX)	(XXX)	(X)
601 to 610	BC0 TPC	04	ISO CS0	T-(Twisted)

**Note :** BC0 (Bare Copper), TPC (Tin Plated Copper)  
ISO(RED, YELLOW, BLUE & BLACK), CS0 (Customer specification)