

PX-201

POWER CABLE (3 Core Armoured)

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



IS 7098-1, IS 5831, IS 8130

Voltage Grade : 1100V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Bare Copper, Tinned Plated Copper
Core Insulation	: XLPE
No. of Core	: 3
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 ²)	Wire Type	Insulation thickness (Nom)	Inner Sheath thickness (Min)	G.I. Armoured wire/flat strip size (mm)		Sheath thickness (Min)	Nom Cable Diameter mm	Max Conductor resistance @ 20 Deg C	Cable Wgt (Approx.) Kg/Km
					Round	Flat Strip				
Px201	1.5	Solid/Stranded	0.7	0.3	1.4	-	1.24	13.6	12.1	401
PX202	2.5	Solid/Stranded	0.7	0.3	1.4	-	1.24	14.8	7.41	452
PX203	4.0	Solid/Stranded	0.7	0.3	1.4	-	1.24	15.5	4.61	485
PX204	6.0	Solid/Stranded	0.7	0.3	1.4	-	1.24	16.5	3.08	521
PX205	10	Stranded (Class2)	0.7	0.3	1.4	-	1.24	19	1.83	615
PX206	16	Stranded (Class2)	0.7	0.3	1.6	-	1.4	20	1.15	742
PX207	25	Stranded (Class2)	0.9	2	-	4.0 X 0.8	1.4	21	0.727	947
PX208	35	Stranded (Class2)	0.9	2	-	4.0 X 0.8	1.4	23	0.524	1099
PX209	50	Stranded (Class2)	1	2	-	4.0 X 0.8	1.4	25.5	0.387	1330
PX210	70	Stranded (Class2)	1.1	2.2	-	4.0 X 0.8	1.56	29.5	0.268	1871
PX211	95	Stranded (Class2)	1.1	2.2	-	4.0 X 0.8	1.56	32.5	0.193	2267

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(PXXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 211	BC0 TPC	03	RYB CS0	T-(Twisted)

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