

LP-201

LEAD WIRES (PVC INSULATED)

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 ²)	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	
LP201	0.5	0.6	2.6	39	40.1	9.0
LP202	0.75	0.6	2.8	26	26.7	12.5
LP203	1.0	0.6	3.0	19.5	20.0	15.0
LP204	1.5	0.7	3.4	13.3	13.7	19.5
LP205	2.5	0.8	4.1	7.98	8.21	34.0
LP206	4	0.8	4.8	4.95	5.09	52.0
LP207	6	0.8	5.3	3.3	3.39	72.0
LP208	10	1.0	7.0	1.9	1.95	114.0
LP209	16	1.0	8.1	1.21	1.24	168.0
LP210	25	1.2	10.2	0.78	0.795	258.0
LP211	35	1.2	11.7	0.554	0.565	368.0
LP212	50	1.4	14.0	0.386	0.393	490.0
LP213	70	1.4	16	0.272	0.277	680.0
LP214	95	1.6	18	0.206	0.210	910.0
LP215	120	1.6	20	0.161	0.164	1140.0
LP216	150	1.8	23	0.130	0.132	1408.0
LP217	185	2.0	25	0.106	0.108	1740.0
LP218	240	2.2	28	0.080	0.081	2270.0
LP219	300	2.4	31	0.064	0.065	2810.0

ORDERING CODE

Conductor Size

(LPXXX)

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)