

IP-201

INSTRUMENTATION CABLE

PVC - ALMYLAR-PVC-G.I. ARMOURING
- PVC INSULATED - 85°C



IS 1554, BS 5308, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Electrolytic Grade Conductor Bare Copper, TPC, As per IS 8130:84
Insulation	: PVC / FR PVC / FRLS PVC / HR PVC
Construction	: Twisted
Shielding	: Almylar Shield with ATC Drain Wire
Inner Sheath	: PVC / FR PVC / FRLS PVC / HR PVC
Armouring	: Galvanized Iron Wire, Round / Flat Strip
Outer Jacket	: PVC / FR PVC / FRLS PVC / HR PVC
Operating Temp. :	85°C

FEATURES

- ✓ Max. Temp. Up to 85°C
- ✓ Excellent Physical Properties
- ✓ Excellent Di-Electric Constant
- ✓ Excellent Flame Retardant Property
- ✓ Good Heat Resistivity
- ✓ High Thermal Endurance
- ✓ Good Moisture, Chemical Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Metal Coverings
- ✓ Available with Zero Halogen Property
- ✓ Available with Fire Retardant Property

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
IP201	7	0.160	0.14	0.48	Twisted	8.4	200
IP202	1	0.510	0.2	0.51	Twisted	9.0	215
IP203	7	0.200	0.22	0.59	Twisted	9.2	230
IP204	7	0.274	0.42	0.81	Twisted	9.6	240
IP205	14	0.200	0.45	0.84	Twisted	9.8	250
IP206	1	0.810	0.5	0.81	Twisted	10.0	262
IP207	7	0.300	0.5	0.89	Twisted	10.0	262
IP208	24	0.200	0.75	1.1	Twisted	10.5	278
IP209	14	0.300	1	1.26	Twisted	11.0	310
IP210	3	0.711	1.2	1.39	Twisted	11.5	318
IP211	40	0.200	1.25	1.42	Twisted	11.7	332
IP212	1	1.290	1.3	1.29	Twisted	11.9	335
IP213	19	0.300	1.3	1.52	Twisted	11.8	335
IP214	21	0.300	1.5	1.55	Twisted	12.0	348
IP215	35	0.300	2.5	2	Twisted	12.5	428

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(IPXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 215	BC0 NPC TPC SPC	01 02 - - 48	BW0 CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), BW0 (Blue - White), CS0 (Customer specification)