

IP-201

INSTRUMENTATION CABLE

PVC -MYLER TAPE - COPPER BRAIDING - PVC 90°C



IS 1554, BS 5308, BS 50288-7, IS 8130

Voltage Grade : 600V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Electrolytic Grade Conductor Bare Copper, TPC As per IS 8130:84
Insulation	: PVC/HR PVC/LSZH Insulation
Isolator	: Myler Tape
Construction	: Twisted
Shielding	: Copper Braided Shield
Outer Sheath	: PVC / FR PVC / FRLS PVC / HR PVC / LSZH
Operating Temp	: 90°C

FEATURES

- ✓ Max. Temp. Up to 90°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

- ✓ Armouring
- ✓ Available with Zero Halogen Property
- ✓ Available with Fire Retardant Property
- ✓ Special Colour Code
- ✓ Available with 1.1KV Grade

CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Wire Type	No of Strands	Strand Dia (mm)	Cross Section Area (mm ²)	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
IP201	Solid	1	0.51	0.20	0.51	Twisted	6.20	42.0
IP202	Multistrand	7	0.20	0.22	0.56	Twisted	5.80	44.0
IP203	Multistrand	7	0.25	0.35	0.75	Twisted	6.20	50.0
IP204	Solid	1	0.81	0.50	0.81	Twisted	6.70	57.0
IP205	Multistrand	7	0.30	0.50	0.90	Twisted	6.60	57.0
IP206	Multistrand	16	0.20	0.50	0.90	Twisted	6.60	57.0
IP207	Multistrand	7	0.37	0.75	1.11	Twisted	7.00	66.0
IP208	Multistrand	24	0.20	0.75	1.11	Twisted	7.00	66.0
IP209	Solid	1	1.02	0.81	1.02	Twisted	7.10	80.0
IP210	Multistrand	7	0.40	0.88	1.20	Twisted	7.20	87.0
IP211	Solid	1	1.13	1.00	1.13	Twisted	7.20	98.0
IP212	Multistrand	14	0.30	1.00	1.30	Twisted	7.50	98.0
IP213	Multistrand	32	0.20	1.00	1.30	Twisted	7.50	98.0
IP214	Multistrand	7	0.43	1.00	1.30	Twisted	7.50	98.0
IP215	Multistrand	40	0.19	1.25	1.40	Twisted	7.80	108.0
IP216	Solid	1	1.29	1.30	1.29	Twisted	7.60	115.0
IP217	Multistrand	19	0.30	1.30	1.50	Twisted	8.00	115.0
IP218	Multistrand	21	0.30	1.50	1.55	Twisted	8.40	128.0
IP219	Multistrand	7	0.53	1.50	1.55	Twisted	8.40	128.0
IP220	Multistrand	48	0.19	1.50	1.55	Twisted	8.40	128.0
IP221	Multistrand	7	0.67	2.50	2.00	Twisted	10.5	142
IP222	Multistrand	50	0.25	2.50	2.00	Twisted	10.5	142
IP223	Multistrand	35	0.30	2.50	2.00	Twisted	10.5	142

Note : Above parameters are considering 2 core cable

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(IPXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 223	BC0 TPC	01 02 - - 48	BW0 CS0	T-(Twisted)

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