

## IT-201

### INSTRUMENTATION CABLE

**PTFE-OVERALL ALMYLAR SCREENING-PTFE (TYPE G) - 260°C**



JSS 51034, JSS 51038, VDE 207-6, IS 8130

Voltage Grade : 600V

#### SPECIFICATIONS

Conductor	: Solid, Multistrand, Electrolytic Grade Conductor Bare Copper, NPC, SPC
Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: Polyimide Tape
Outer Screening	: Almylar Tape Screening with ATC Drain Wire
Outer Jacket	: PTFE Sheathed
Operating Temp.	: 260°C

#### FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Suitable for High Voltage Use
- ✓ Low Dielectric Constant
- ✓ Excellent Fire Retardant Property
- ✓ Higher Resist to Electromagnetic Signal
- ✓ Halogen Free
- ✓ Good Mechanical Strength

#### AVAILABLE OPTIONS

- ✓ Metal Covering
- ✓ Special Colour Code
- ✓ Metal Shielding
- ✓ Available with 1.1 KV grade

### CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Wire Type	No of Strands	Strand Dia (mm)	Cross Section Area (mm <sup>2</sup> )	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
IT201	Solid	1	0.81	0.5	0.81	Twisted	-	8	70
IT202	Multistrand	7	0.30	0.50	0.90	Twisted	-	8.2	70.0
IT203	Multistrand	7	0.32	0.56	0.96	Twisted	-	8.4	78.0
IT204	Multistrand	7	0.37	0.75	1.1	Twisted	-	8.6	89
IT205	Multistrand	24	0.20	0.75	1.11	Twisted	-	8.6	89.0
IT206	Multistrand	7	0.43	1.00	1.30	Twisted	-	8.8	108.0
IT207	Multistrand	14	0.30	1.00	1.30	Twisted	-	8.8	108.0
IT208	Multistrand	19	0.32	1.50	1.60	Twisted	-	9.5	130.0
IT209	Multistrand	21	0.30	1.50	1.60	Twisted	-	9.5	130.0

**Note :** Above parameters are considering 2 pair (G-type) cable

#### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(ITXXX)	(XXX)	(XX)	(XXX)	(X)
201 to 209	BC0 NPC SPC	01 02 - - 48	BW0 CS0	T-(Twisted)

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