

## IFP-301

### INSTRUMENTATION CABLE FEP-INDIVIDUAL & OVERALL ALMYLAR SCREENING-FEP (TYPE F) - 200°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	: Extruded FEP Insulated
Construction	: Twisted
Isolator	: Polyimide Tape
Screening	: Individual & Overall Almylar Tape Screening with ATC Drain Wire
Outer Jacket	: Extruded FEP Sheathed
Operating Temp.	: 200°C

#### FEATURES

- ✓ Max. Temp. Up to 200°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 Ordering 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
IFP301	Solid	1	0.81	0.5	0.81	Twisted	-	8.5	85
IFP302	Multistrand	7	0.30	0.50	0.90	Twisted	-	8.7	85.0
IFP303	Multistrand	7	0.32	0.56	0.96	Twisted	-	8.9	95.0
IFP304	Multistrand	7	0.37	0.75	1.1	Twisted	-	9.1	107
IFP305	Multistrand	24	0.20	0.75	1.11	Twisted	-	9.1	107.0
IFP306	Multistrand	7	0.43	1.00	1.30	Twisted	-	9.3	128.0
IFP307	Multistrand	14	0.30	1.00	1.30	Twisted	-	9.3	128.0
IFP308	Multistrand	19	0.32	1.50	1.60	Twisted	-	9.9	148.0
IFP309	Multistrand	21	0.30	1.50	1.60	Twisted	-	9.9	148.0

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

#### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(IFPXXX)	(XXX)	(XX)	(XXX)	(X)
301 to 309	BC0 NPC SPC TPC	01 02 - - 48	BW0 CS0	T-(Twisted)

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