

ITF-101

INSTRUMENTATION CABLE

FEP - FEP - SS BRAIDING INSULATED - 200°C



JSS 51034, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Electrolytic Grade Conductor Bare Copper, NPC, SPC, TPC As per IS 8130:84
Insulation	: Extruded FEP Insulated
Construction	: Twisted / Flat
Outer Jacket	: Extruded FEP Insulated
Outer Braiding	: Stainless Steel Wire
Operating Temp. :	200°C

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Suitable for High Voltage Use
- ✓ Low Dielectric Constant
- ✓ Excellent Fire Retardant Property
- ✓ Smaller Diameter
- ✓ Higher Mechanical Strength
- ✓ Good Flexibility
- ✓ Good Moisture, Chemical Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Metal & Taped Shielding
- ✓ Overall Asbestos Braiding
- ✓ Special Colour Code

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)
ITF101	7	0.152	0.12	0.46	T/F	2.42	10.7
ITF102	7	0.160	0.14	0.48	T/F	2.52	14.2
ITF103	1	0.510	0.2	0.51	T/F	3.1	15
ITF104	7	0.200	0.22	0.59	T/F	3.4	17
ITF105	7	0.274	0.42	0.81	T/F	3.8	28
ITF106	14	0.200	0.45	0.84	T/F	3.88	29
ITF107	1	0.810	0.5	0.81	T/F	3.9	30
ITF108	7	0.300	0.5	0.89	T/F	4.1	30
ITF109	24	0.200	0.75	1.1	T/F	4.9	40
ITF110	14	0.300	1	1.26	T/F	5.1	50
ITF111	3	0.711	1.2	1.39	T/F	5.3	58.6
ITF112	40	0.200	1.25	1.42	T/F	5.4	65
ITF113	1	1.290	1.3	1.29	T/F	5.2	75
ITF114	19	0.300	1.3	1.52	T/F	5.58	75
ITF115	21	0.300	1.5	1.55	T/F	5.8	80
ITF116	35	0.300	2.5	2	T/F	6.8	100

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(ITFXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 116	BC0 NPC TPC SPC	01 02 - - 48	BW0 CS0	T-(Twisted) F-(Flat)

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