

T Type Thermocouple Extension Cable

TXYY (1-50) Pairs x 1.5 mm² 300 V

(Copper-Constantan Conductor, PVC Insulated, Individual or Collective Screen, PVC Sheathed)

Standard Specification : IEC 60584, ANSI MC 96.1

Construction Data

No. of pairs	Size			
	1.5 mm ²			
	Collective Screen		Individual Screen	
	Overall Diameter	Cable Weight	Overall Diameter	Cable Weight
	approx.	approx.	approx.	approx.
	mm	kg/km	mm	kg/km
1	9.9	137	-	-
2	12.8	200	14.6	315
3	14.9	245	15.5	362
4	16.7	306	16.9	426
5	18.3	390	18.5	432
6	19.7	435	21.5	532
7	21.0	480	21.5	548
9	23.5	591	25.5	692
10	25.0	658	27.5	774
12	27.0	768	30.0	909
14	29.0	890	31.5	1,046
15	30.0	972	33.5	1,140
16	30.5	1,026	35.0	1,215
18	32.5	1,122	37.5	1,336
19	33.0	1,175	37.5	1,392
20	34.0	1,272	39.5	1,571
24	37.0	1,478	46.5	1,795
30	41.0	1,817	49.5	2,185
36	45.0	2,179	54.0	2,620
40	47.5	2,392	56.0	2,871
48	51.5	2,862	63.0	3,452
50	52.5	2,969	64.5	3,582

Application :

For transmission of thermoelectric voltage from measuring junction to reference junction.

Special Features on Request

- Oil Resistance
- UV Resistance
- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Heat Resistance
- Anti Termite
- Anti Rodent
- Low Smoke Zero Halogen
- Nylon Coated

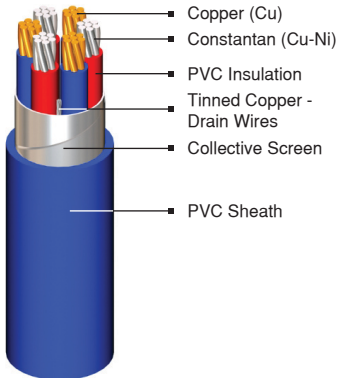


Fig. 01 : Collective Screen

Note :

Conductor Shape

All construction supplied in solid (re) or circular stranded (rm)

Standard Packing

All conductor supplied in wooden drum @ 1000 m

Length tolerance per drum $\pm 2\%$

Size of drain wire : 0.5 mm²

Material & Color Code

Type	TX		
Material	(+)	Copper	
		Constantan	
Limit of Error - (Temp. Range)	IEC 60584	Class 1	$\mu 0.5\text{ }^{\circ}\text{C} / \mu 30\text{ mV (-25 ~ 100 }^{\circ}\text{C)}$
		Class 2	$\mu 1.0\text{ }^{\circ}\text{C} / \mu 60\text{ mV (-25 ~ 100 }^{\circ}\text{C)}$
	ANSI MC - 96.1	Standard	$\mu 1.0\text{ }^{\circ}\text{C (0 ~ 100 }^{\circ}\text{C)}$
		Special	$\mu 0.5\text{ }^{\circ}\text{C (0 ~ 100 }^{\circ}\text{C)}$
Color Code	Insulation	(+)	Blue
		(-)	Red
	Jacket		Blue

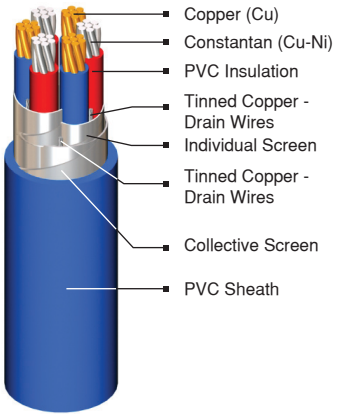


Fig. 02 : Individual Screen

Electrical Data

Conductor		AC
Normal Cross Section	Nominal Value Loop Resistance at 20 °C	Voltage Test
mm ²	/km	volt/1 min.
1.5	348	1000