J Type Thermocouple Extension Cable
JXYY (1-50) Pairs x 1.5 mm² 300 V

(Iron-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 mm²			
	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	136	-	-
2	12.8	197	14.6	311
3	14.9	240	15.5	357
4	16.7	299	16.9	419
5	18.3	382	18.5	423
6	19.7	425	21.5	522
7	21.0	468	21.5	536
9	23.5	576	25.5	676
10	25.0	641	27.5	757
12	27.0	748	30.0	888
14	29.0	866	31.5	1,022
15	30.0	946	33.5	1,114
16	30.5	999	35.0	1,188
18	32.5	1,091	37.5	1,305
19	33.0	1,143	37.5	1,360
20	34.0	1,238	39.5	1,537
24	37.0	1,437	46.5	1,755
30	41.0	1,766	49.5	2,134
36	45.0	2,115	54.0	2,556
40	47.5	2,325	56.0	2,803
48	51.5	2,781	63.0	3,370
50	52.5	2,884	64.5	3,498

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

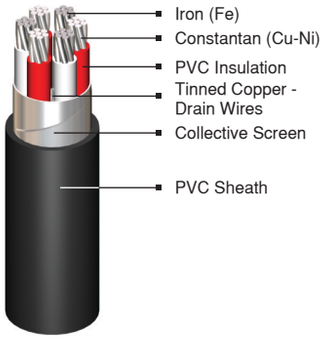

Fig. 01 : Collective Screen

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 ± 2%
Size of drain wire : 0.5 mm²

Material & Color Code

Type			JX
Material		(+)	Iron
		(-)	Constantan
Limit of Error - (Temp. Range)	IEC 60584	Class 1	μ 1.5 °C / μ 85 øV (-25 ~ 200 °C)
		Class 2	μ 2.5 °C / μ 140 øV (-25 ~ 200 °C)
	ANSI MC - 96.1	Standard	μ 2.2 °C (0 ~ 200 °C)
		Special	μ 1.1 °C (0 ~ 200 °C)
Color Code	Insulation	(+)	White
		(-)	Red
	Jacket		Black

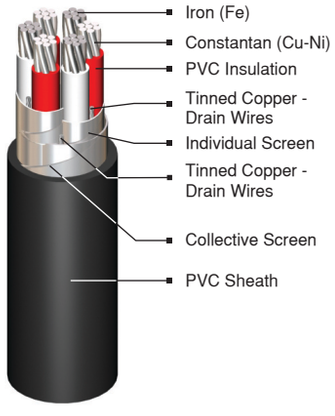

Fig. 02 : Individual Screen

Electrical Data

Conductor		AC
Normal Cross Section	Nominal Value Loop Resistance at 20 °C	Voltage Test
mm²	/km	volt/1 min.
1.5	418	1000