



## Application

These cables are used in thermocouple circuits, petrochemical plants, utilities and industrial plants.

## Conductor

Solid

## Type applicable

KX, EX, JX, TX, NX, KCA, KCB, RCA, RCB, SCA, RCB, BC

## Insulation

PVC, PE, XLPE or LSZH thermoplastic material

## Wrapping

At least 1 layer of plastic tape

## Overall screen

24 µm aluminium / PETP tape over 7-stranded tinned copper drain wire, 0.5mm<sup>2</sup>

## Outer sheath

PVC or LSZH thermoplastic material

## Color code

According to IEC 60584-3

## Flame retardancy

IEC 60332-1

## Flame propagation

IEC 60332 cat. C

## Temperature range

-30°C up to 70°C during operation. -5°C up to 50°C during installation.

## Construction Parameters

CONDUCTOR SIZE (MM <sup>2</sup> )	NO. OF PAIRS	INSULATION THICKNESS (MM)	OUTER SHEATH THICKNESS (MM)	NOMINAL O. D. (MM)	WEIGHT* (KG/KM)
0.5	1	0.4	1	5.6	42
0.5	2	0.4	1	7.9	68
0.5	4	0.4	1	9	106
0.5	6	0.4	1	10.6	145
0.5	8	0.4	1	11.3	181
0.5	10	0.4	1.2	13.1	235
0.5	12	0.4	1.2	13.7	269
0.5	16	0.4	1.2	15.4	341
0.5	20	0.4	1.2	16.8	412
0.5	24	0.4	1.4	18.6	508

0.8	1	0.4	1	6	51
0.8	2	0.4	1	8.6	86
0.8	4	0.4	1	9.9	139
0.8	6	0.4	1	11.7	194
0.8	8	0.4	1.2	12.8	257
0.8	10	0.4	1.2	14.4	316
0.8	12	0.4	1.2	15.1	365
0.8	16	0.4	1.2	17	468
0.8	20	0.4	1.4	19.1	587
0.8	24	0.4	1.4	20.6	697
1	1	0.4	1	6.3	57
1	2	0.4	1	9	98
1	4	0.4	1	10.3	161
1	6	0.4	1.2	12.6	238
1	8	0.4	1.2	13.4	300
1	10	0.4	1.2	15.2	369
1	12	0.4	1.2	15.8	428
1	16	0.4	1.4	18.3	568
1	20	0.4	1.4	20	690
1	24	0.4	1.4	21.6	821
1.3	1	0.4	1	6.6	65
1.3	2	0.4	1	10.2	115
1.3	4	0.4	1	11.8	193
1.3	6	0.4	1.2	14.5	286
1.3	8	0.4	1.2	15.4	363
1.3	10	0.4	1.2	17.5	448
1.3	12	0.4	1.2	18.3	521
1.3	16	0.4	1.4	21.1	692
1.3	20	0.4	1.4	23.2	843
1.3	24	0.4	1.6	25.6	1005
1.5	1	0.5	1	7.2	75
1.5	2	0.5	1	11.3	134
1.5	4	0.5	1.2	13.5	238
1.5	6	0.5	1.2	16.2	336
1.5	8	0.5	1.2	17.2	427
1.5	10	0.5	1.4	20	546
1.5	12	0.5	1.4	20.9	634
1.5	16	0.5	1.4	23.6	817
1.5	20	0.5	1.6	26.5	1021
1.5	24	0.5	1.6	28.7	1216