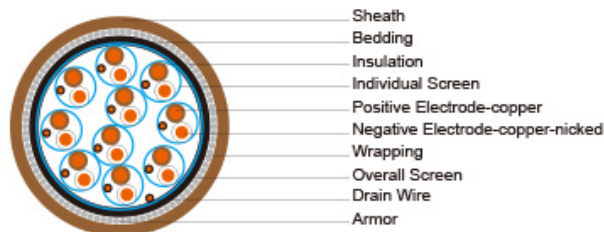


Multipair Individual/Overall Screen



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
Individual screen:	24 µm aluminium / PETP tape over solid tinned copper drain wire, 0.6 mm
Wrapping:	At least 1 layer of plastic tape
Overall screen:	24 µm aluminium / PETP tape over 7-stranded tinned copper drain wire, 0.5 mm ²
Bedding:	PE, PVC or LSZH thermoplastic material
Armor:	Galvanized round steel wires
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.

0.5 mm²

Conductor Size	No. of Pairs	Insulation Thickness (mm)	Bedding Thickness (mm)	Diameter of Armor Wire (mm)	Outer Sheath Thickness (mm)	Nominal O.D. (mm)	Weight* (kg/km)
0.5	2	0.4	0.9	0.9	1.4	13.5	314
0.5	4	0.4	1.1	0.9	1.4	15.2	393
0.5	6	0.4	1.2	0.9	1.5	17.6	497
0.5	8	0.4	1.2	0.9	1.5	18.4	567
0.5	10	0.4	1.2	1.25	1.6	21.0	832
0.5	12	0.4	1.2	1.25	1.6	21.7	893

0.5	16	0.4	1.3	1.25	1.7	24.2	1057
0.5	20	0.4	1.3	1.25	1.7	26.0	1196
0.5	24	0.4	1.3	1.25	1.8	27.8	1397

0.8 mm²

Conductor Size	No. of Pairs	Insulation Thickness (mm)	Bedding Thickness (mm)	Diameter of Armor Wire (mm)	Outer Sheath Thickness (mm)	Nominal O.D. (mm)	Weight* (kg/km)
0.8	2	0.4	0.9	0.9	1.4	14.2	351
0.8	4	0.4	1.1	0.9	1.5	16.3	460
0.8	6	0.4	1.2	0.9	1.5	18.7	576
0.8	8	0.4	1.2	0.9	1.6	19.7	675
0.8	10	0.4	1.2	1.25	1.6	22.4	966
0.8	12	0.4	1.3	1.25	1.7	23.6	1059
0.8	16	0.4	1.3	1.25	1.7	25.8	1246
0.8	20	0.4	1.3	1.25	1.8	28.0	1439
0.8	24	0.4	1.5	1.25	1.8	30.3	1667

1.0 mm²

Conductor Size	No. of Pairs	Insulation Thickness (mm)	Bedding Thickness (mm)	Diameter of Armor Wire (mm)	Outer Sheath Thickness (mm)	Nominal O.D. (mm)	Weight* (kg/km)
1.0	2	0.4	1.1	0.9	1.4	15.0	374
1.0	4	0.4	1.1	0.9	1.5	16.7	495
1.0	6	0.4	1.2	0.9	1.6	19.4	636
1.0	8	0.4	1.2	1.25	1.6	21.0	884
1.0	10	0.4	1.2	1.25	1.7	23.3	1064
1.0	12	0.4	1.3	1.25	1.7	24.3	1153
1.0	16	0.4	1.3	1.25	1.7	26.7	1365
1.0	20	0.4	1.5	1.25	1.8	29.4	1582
1.0	24	0.4	1.5	1.6	1.9	32.3	2098

1.3 mm²

Conductor Size	No. of Pairs	Insulation Thickness (mm)	Bedding Thickness (mm)	Diameter of Armor Wire (mm)	Outer Sheath Thickness (mm)	Nominal O.D. (mm)	Weight* (kg/km)
1.3	2	0.4	1.1	0.9	1.5	16.5	415
1.3	4	0.4	1.2	0.9	1.5	18.6	545
1.3	6	0.4	1.2	1.25	1.6	22.2	853
1.3	8	0.4	1.2	1.25	1.6	23.3	980
1.3	10	0.4	1.3	1.25	1.7	26.1	1183

1.3	12	0.4	1.3	1.25	1.7	27.0	1288
1.3	16	0.4	1.3	1.25	1.8	30.0	1553
1.3	20	0.4	1.5	1.25	1.9	33.2	1806
1.3	24	0.4	1.5	1.6	1.9	36.1	2358

1.5 mm²

Conductor Size	No. of Pairs	Insulation Thickness (mm)	Bedding Thickness (mm)	Diameter of Armor Wire (mm)	Outer Sheath Thickness (mm)	Nominal O.D. (mm)	Weight* (kg/km)
1.5	2	0.5	1.1	0.9	1.5	17.6	461
1.5	4	0.5	1.2	0.9	1.5	19.9	611
1.5	6	0.5	1.2	1.25	1.6	23.8	957
1.5	8	0.5	1.3	1.25	1.7	25.4	1119
1.5	10	0.5	1.3	1.25	1.7	28.1	1336
1.5	12	0.5	1.3	1.25	1.7	29.2	1459
1.5	16	0.5	1.5	1.25	1.9	33.2	1783
1.5	20	0.5	1.5	1.6	1.9	36.7	2308
1.5	24	0.5	1.7	1.6	2.0	39.8	2706

*The number here is just approx. weight. It changes according to the insulation material and the conductor used in different type of extension cable and compensating cable.