Thermocouple Extension Cables

KEYSTONE CABLE
tel (65) 6367 0107 fax (65) 6365 2963
www.keystone-cable.com

500V Pair(s), Type EX
XLPE Insulated, Overall Screen, Unarmoured or Armoured, PVC Sheathed Cable
Description: Type EX-XLPE/OS/PVC-UV or Type EX-XLPE/OS/PVC/SWA/PVC-UV
Model Code: Type EX-XOP-UV or Type EX-XOPSP-UV

Application :	This cable is used in temperature measurement to convey information from a thermocouple sensor, to the measuring instrument.
Voltage rating :	500V
Construction :	Solid conductor (Positive: Nickel Chromium / Negative: Copper Nickel), XLPE insulated, twisted pair(s), overall screen (aluminium/polyester tape with tinned copper drain wire), unarmoured or galvanized steel wire armoured, UV resistant PVC* sheathed cable
Insulation colour :	(+) Violet, (-) White (or with numbering)
Sheath colour :	Violet
Specification :	BS EN 50288-7, IEC 60584-3, IEC 60332-1-2 IEC 60332-3 (upon request)
Operating temperature :	90˚C

**LSZH sheath (upon request), comply with IEC 60332-3, IEC 60754, IEC 61034-2*

No. of Pair(s)	Conductor		Insulation	Unarmoured Cable			Armoured Cable		
	Nominal Area	No./Diam. of Strand	Thickness	**Part No.**	Approx. Overall Diam.	Approx. Weight	**Part No.**	Approx. Overall Diam.	Approx. Weight
	(mm²)	(no./mm)	(mm)		(mm)	(kg/km)		(mm)	(kg/km)
1P	0.5	1/0.80	0.6	**041P6889**	7.1	55	**041P6670**	9.3	265
2P				**042P6889**	9.9	100	**042P6670**	12.2	380
4P				**044P6889**	11.9	150	**044P6670**	13.8	455
6P				**046P6889**	14.2	200	**046P6670**	16.1	575
8P				**048P6889**	15.7	250	**048P6670**	17.6	655
10P				**040P6889**	17.8	310	**040P6670**	20.4	890
12P				**04BP6889**	18.5	340	**04BP6670**	21.0	960
16P				**04FP6889**	20.3	415	**04FP6670**	22.8	1090
20P				**04KP6889**	22.7	505	**04KP6670**	25.3	1270
24P				**04RP6889**	25.3	610	**04RP6670**	28.4	1635
36P				**04P26889**	28.9	830	**04P26670**	32.1	2015
1P	1	1/1.13	0.6	**061P6889**	7.8	75	**061P6670**	10.1	295
2P				**062P6889**	11.3	135	**062P6670**	13.5	440
4P				**064P6889**	13.1	200	**064P6670**	15.2	540
6P				**066P6889**	15.8	285	**066P6670**	17.7	685
8P				**068P6889**	17.9	360	**068P6670**	20.4	940
10P				**060P6889**	20.1	435	**060P6670**	22.6	1105
12P				**06BP6889**	20.9	495	**06BP6670**	23.4	1195
16P				**06FP6889**	23.1	615	**06FP6670**	25.6	1395
20P				**06KP6889**	25.8	755	**06KP6670**	29.1	1715
24P				**06RP6889**	28.6	910	**06RP6670**	31.9	2095
36P				**06P26889**	32.9	1260	**06P26670**	36.1	2630

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No. of Pair(s)	Conductor		Insulation	Unarmoured Cable			Armoured Cable		
	Nominal Area	No./Diam. of Strand	Thickness	Part No.	Approx. Overall Diam.	Approx. Weight	Part No.	Approx. Overall Diam.	Approx. Weight
	(mm²)	(mm)	(mm)		(mm)	(kg/km)		(mm)	(kg/km)
1P	1.3	1/1.29	0.6	**411P6889**	8.1	85	**411P6670**	10.5	310
2P				**412P6889**	12.0	155	**412P6670**	14.0	470
4P				**414P6889**	14.2	240	**414P6670**	16.0	610
6P				**416P6889**	16.8	435	**416P6670**	19.4	890
8P				**418P6889**	18.8	420	**418P6670**	21.3	1050
10P				**410P6889**	21.4	520	**410P6670**	23.9	1230
12P				**41BP6889**	22.0	585	**41BP6670**	24.5	1315
16P				**41FP6889**	24.5	740	**41FP6670**	27.7	1750
20P				**41KP6889**	27.4	910	**41KP6670**	30.6	2045
24P				**41RP6889**	30.4	1095	**41RP6670**	33.6	2345
36P				**41P26889**	35.2	1540	**41P26670**	39.2	3300
1P	1.5	1/1.38	0.6	**071P6889**	8.3	85	**071P6670**	10.7	320
2P				**072P6889**	12.2	170	**072P6670**	14.3	485
4P				**074P6889**	14.6	260	**074P6670**	16.4	630
6P				**076P6889**	17.4	365	**076P6670**	19.9	930
8P				**078P6889**	19.4	455	**078P6670**	21.8	1100
10P				**070P6889**	21.9	565	**070P6670**	24.4	1300
12P				**07BP6889**	22.7	635	**07BP6670**	25.2	1390
16P				**07FP6889**	25.2	810	**07FP6670**	28.4	1845
20P				**07KP6889**	28.3	1000	**07KP6670**	31.4	2155
24P				**07RP6889**	31.4	1195	**07RP6670**	34.5	2500
36P				**07P26889**	36.2	1690	**07P26670**	40.2	3510