

CZ/CX Single Pair Fire Resistant (-30°C to +90°C)

Suitable for applications where gas emissions under fire conditions may threaten life. The Mica taped option allows extended operation of essential applications requiring control systems to function in fire conditions.

- Temperature rated -30°C to +90°C
- Available in Thermocouple Extension Grades KX, JX, TX, NX, EX
- Available in Thermocouple Compensating Grades KCB, RCA
- Colour coded to IEC 60584.3 (BS EN 60584.3) and ANSI MC96.1
- Also available with a blue outer sheath for intrinsically safe applications

example order code	
Code / Conductor	Length
CX93KCB	- 100mtr

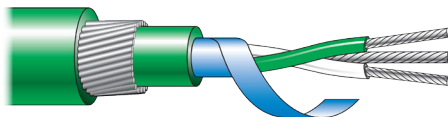
CZ XLPE, Twisted, Screened, LS0H

One pair of stranded conductors. Each conductor is XLPE insulated. The pair is twisted together then screened with an aluminium bonded polyester tape, in contact throughout with a bare copper drain wire. Available as LS0H sheathed or LS0H bedded, steel wire armoured and LS0H sheathed.

- Conforms to IEC 60332.3.24 Category C
- Recommended for applications where gas or smoke emissions could threaten life



XLPE, Twisted, Screened, LS0H



XLPE, Twisted, Screened, LS0H, SWA, LS0H

cable type	conductor size	dimensions (approximate)	profile	conductor type / colour code							order code
				KX	KCB	JX	TX	NX	EX	RCA	
XLPE, Twisted, Screened, LS0H	16/0.2mm dia. (0.5mm ²)	5mm	Round	✓	✓	✓	✓	✓	✓	✓	CZ16
	23/0.2mm dia. (0.75mm ²)	6mm	Round	✓	✓	✓	✓	✓	✓	✓	CZ26
XLPE, Twisted, Screened, Armoured, LS0H	16/0.2mm dia. (0.5mm ²)	10mm	Round	✓	✓	✓	✓	✓	✓	✓	CZ56
	23/0.2mm dia. (0.75mm ²)	11.5mm	Round	✓	✓	✓	✓	✓	✓	✓	CZ66

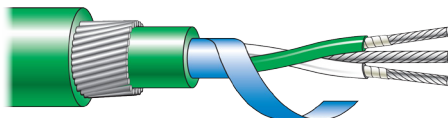
CX Mica Taped, XLPE, Twisted, Screened, LS0H

One pair of stranded conductors. Each conductor is Mica tape insulated, then XLPE insulated. The pair is twisted together then screened with an aluminium bonded polyester tape, in contact throughout with a bare copper drain wire. Available as LS0H sheathed or LS0H bedded, steel wire armoured and LS0H sheathed. Enables resistance up to +750°C for a minimum of 3 hours in accordance with flame test requirements of IEC 60331.

- Conforms to IEC 60331
- Resistant to +750°C for a minimum of 3 hours in accordance with flame test requirements of IEC 60331



Mica Taped, XLPE, Twisted, Screened, LS0H



Mica Taped, XLPE, Twisted, Screened, LS0H, SWA, LS0H

cable type	conductor size	dimensions (approximate)	profile	conductor type / colour code							order code
				KX	KCB	JX	TX	NX	EX	RCA	
Mica Taped, XLPE, Twisted, Screened, LS0H	16/0.2mm dia. (0.5mm ²)	5mm	Round	✓	✓	✓	✓	✓	✓	✓	CX43
	23/0.2mm dia. (0.75mm ²)	6mm	Round	✓	✓	✓	✓	✓	✓	✓	CX53
Mica Taped, XLPE, Twisted, Screened, Armoured, LS0H	16/0.2mm dia. (0.5mm ²)	10mm	Round	✓	✓	✓	✓	✓	✓	✓	CX83
	23/0.2mm dia. (0.75mm ²)	11.5mm	Round	✓	✓	✓	✓	✓	✓	✓	CX93

