

## 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.

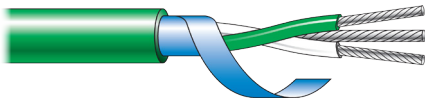
**Example Order Code**  
Code / Conductor Length  
**CX93KCB - 100mtr**

- 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

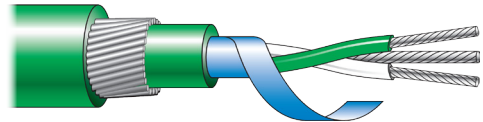
### CZ XLPE, Twisted, Screened, LSOH

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 LSOH sheathed or LSOH bedded, steel wire armoured and LSOH sheathed.

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



XLPE, Twisted, Screened, LSOH



XLPE, Twisted, Screened, LSOH, SWA, LSOH

Cable Type	Conductor Size	Dimensions (approximate)	Profile	Conductor Type / Colour Code							Order Code
				KX	KCB	JX	TX	NX	EX	RCA	
XLPE, Twisted, Screened, LSOH	16/0.2mm dia. (0.5mm <sup>2</sup> )	5mm	Round	✓	✓	✓	✓	✓	✓	✓	<b>CZ16</b>
	23/0.2mm dia. (0.75mm <sup>2</sup> )	6mm	Round	✓	✓	✓	✓	✓	✓	✓	<b>CZ26</b>
XLPE, Twisted, Screened, Armoured, LSOH	16/0.2mm dia. (0.5mm <sup>2</sup> )	10mm	Round	✓	✓	✓	✓	✓	✓	✓	<b>CZ56</b>
	23/0.2mm dia. (0.75mm <sup>2</sup> )	11.5mm	Round	✓	✓	✓	✓	✓	✓	✓	<b>CZ66</b>

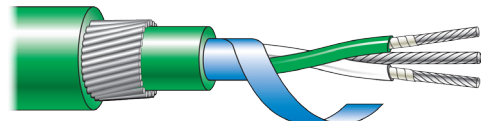
### CX Mica Taped, XLPE, Twisted, Screened, LSOH

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 LSOH sheathed or LSOH bedded, steel wire armoured and LSOH 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, LSOH



Mica Taped, XLPE, Twisted, Screened, LSOH, SWA, LSOH

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, LSOH	16/0.2mm dia. (0.5mm <sup>2</sup> )	5mm	Round	✓	✓	✓	✓	✓	✓	✓	<b>CX43</b>
	23/0.2mm dia. (0.75mm <sup>2</sup> )	6mm	Round	✓	✓	✓	✓	✓	✓	✓	<b>CX53</b>
Mica Taped, XLPE, Twisted, Screened, Armoured, LSOH	16/0.2mm dia. (0.5mm <sup>2</sup> )	10mm	Round	✓	✓	✓	✓	✓	✓	✓	<b>CX83</b>
	23/0.2mm dia. (0.75mm <sup>2</sup> )	11.5mm	Round	✓	✓	✓	✓	✓	✓	✓	<b>CX93</b>