

## CM Multi Pair Flame Retardant (FR) PVC, Unarmoured (-30°C to +70°C)

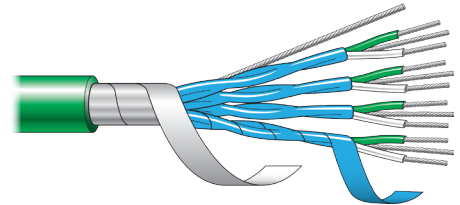
A very useful thermocouple cable construction allowing multiple channels to be carried, for example, from junction box to instrumentation.

**Example Order Code**  
Code / Conductor      Length  
**CM712KCB - 100mtr**

- Temperature rated -30°C to +70°C
- Available in Thermocouple Extension Grades KX, JX, TX, NX, EX
- Available in Thermocouple Compensating Grades KCB, RCA
- Standard conductor sizes: 16/0.2mm (0.5mm<sup>2</sup>) and 24/0.2mm (0.75mm<sup>2</sup>)
- Colour coded to IEC 60584.3 (BS EN 60584.3). ANSI MC96.1 colours available on request
- Conforms to IEC 60332.1

### Individually and Collectively Screened

Multi pairs of stranded 16/0.2mm (0.5mm<sup>2</sup>) or 24/0.2mm (0.75mm<sup>2</sup>) conductors. Each conductor is FR PVC insulated. The pairs are numbered and twisted together, individually and collectively screened with an aluminium bonded polyester tape, in contact throughout with a bare copper drain wire. Sheathed overall with FR PVC. Round construction.

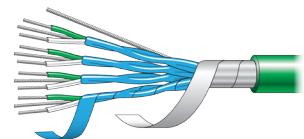


Cable Type	Conductor Size	No. of Pairs	Dimensions (approximate)	Profile	Conductor Type / Colour Code								Order Code
					KX	KCB	JX	TX	NX	EX	RCA		
Multi Pair Flame Retardant (FR) PVC, Unarmoured  Individually and Collectively Screened	16/0.2mm diameter  (0.5mm <sup>2</sup> )	2	10mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM502</b>
		4	11mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM504</b>
		6	13mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM506</b>
		8	14mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM508</b>
		12	18mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM512</b>
		16	20mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM516</b>
		20	22mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM520</b>
		24	25mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM524</b>
		36	27mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM536</b>
	24/0.2mm diameter  (0.75mm <sup>2</sup> )	2	12mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM702</b>
		4	13mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM704</b>
		6	15mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM706</b>
		8	17mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM708</b>
		12	21mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM712</b>
		16	23mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM716</b>
		20	26mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM720</b>
		24	28mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM724</b>
		36	32mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CM736</b>

## CMZ Multi Pair XLPE/LSOH, Unarmoured (-30°C to +90°C)

As above, but cores are XLPE insulated, sheath insulation is Low Smoke Zero Halogen compound.

- Conforms to IEC 60332.3.24 Category C



Cable Type	Conductor Size	Number of Pairs	Dimensions (approximate)	Profile	Conductor Type / Colour Code								Order Code
					KX	KCB	JX	TX	NX	EX	RCA		
Multi Pair LSOH	16/0.2mm diameter (0.5mm <sup>2</sup> )	2	10mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CMZ502</b>
		6	13mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CMZ506</b>
		12	18mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	<b>CMZ512</b>