

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

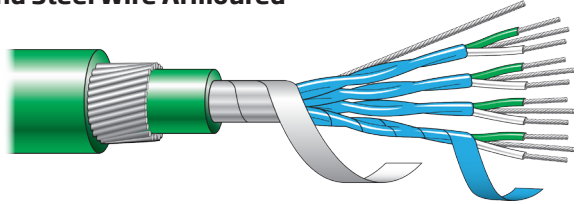
A very useful thermocouple cable construction allowing multiple channels to be carried, for example, from junction box to instrumentation. The steel wire armour offers increased mechanical protection.

**Example Order Code**  
Code / Conductor Length  
**CA506KX - 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 and Steel Wire Armoured

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. FR PVC bedded, galvanised steel wire armoured and sheathed with FR PVC. Round construction.

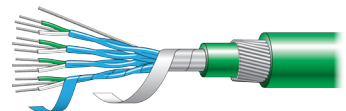


Cable Type	Conductor Size	No. of Pairs	Dimensions (approximate)	Profile	Conductor Type / Colour Code								Order Code	
					KX	KCB	JX	TX	NX	EX	RCA			
Multi Pair Flame Retardant (FR) PVC, Armoured	16/0.2mm diameter (0.5mm <sup>2</sup> )	2	14mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA502	
		4	16mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA504	
		6	18mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA506	
		8	20mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA508	
		12	23mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA512	
		16	25mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA516	
		20	27mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA520	
		24	29mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA524	
	36	33mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA536		
	Individually and Collectively Screened and Steel Wire Armoured	24/0.2mm diameter (0.75mm <sup>2</sup> )	2	17mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA702
			4	18mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA704
			6	21mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA706
			8	22mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA708
			12	26mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA712
			16	28mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA716
			20	31mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA720
24			33mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CA724	
		36	38mm	Round	✓	✓	✓	✓	✓	✓	✓	CA736		

## CAZ Multi Pair XLPE/LSOH, Armoured (-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	14mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CAZ502
		6	18mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CAZ506
		12	23mm	Round	✓	✓	✓	✓	✓	✓	✓	✓	CAZ512

