



# Caledonian

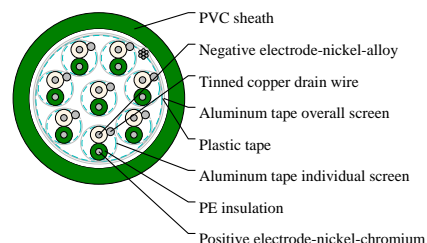
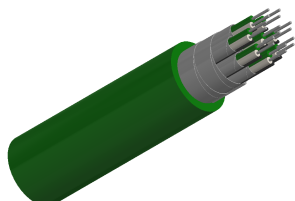
## Thermocouple Cables

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

### Multipair Individual/Overall Screen

KX IS/OS 8P0.5



### APPLICATIONS

These cables are used in thermocouple circuits, petrochemical plants, utilities and industrial plants.

### CABLE CONSTRUCTION

Conductor: Solid

Type applicable: KX, EX, JX, TX, NX, KCA, KCB, RCA, RCB, SCA, RCB, BC

Insulation: PVC, PE, XLPE or LSZH thermoplastic material

Individual screen: 24 µm aluminium / PETP tape over solid tinned copper drain wire, 0.6 mm

Wrapping: At least 1 layer of plastic tape

Overall screen: 24 µm aluminium / PETP tape over 7-stranded tinned copper drain wire, 0.5mm<sup>2</sup>

Outer sheath: PVC or LSZH thermoplastic materia

### COLOUR CODE

According to IEC 60584-3

### PHYSICAL AND THERMAL PROPERTIES

Flame retardancy: IEC 60332-1

Flame propagation: IEC 60332 cat. C

Temperature range: -30°C up to 70°C during operation. -5°C up to 50°C during installation.

### DIMENSION AND PARAMETERS

No. of Pairs	Conductor Size	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Nom. Overall Diameter	Approx. Weight
	mm <sup>2</sup>	mm	mm	mm	kg/km
8	0.5	0.4	1.2	13.6	244