

# SINGLE & MULTI-PAIR THERMOCOUPLE EXTENSION, KX, XLPE INSULATION, INDIVIDUAL & OVERALL SCREEN, PVC SHEATH

## APPLICATION

For indoor and outdoor installation in cable trays or in ducts. Not recommended for direct burial

INS-KX XLPE IOS PVC

## CONSTRUCTION

CONDUCTOR	Solid Chromel (Nickel Chromium) (+) paired with Alumel (Nickel Aluminium) (-) alloys in accordance with ANSI MC96-1
INSULATION	Cross Linked Polyethylene (XLPE)
CORE IDENTIFICATION	Yellow (+) and Red (-) insulated cores; numbered alpha and numerically, at regular intervals
INDIVIDUAL SCREEN	Aluminium/polyester tape with a 7 strand 0.50mm <sup>2</sup> size tinned annealed copper drain wire. All individual screens are numbered alpha and numerically, at regular intervals. All individual screens are sealed and electrically insulated. Single pair cables do not have an individual screen, overall screen only
OVERALL SCREEN	Aluminium/polyester tape with a 7 strand 0.50mm <sup>2</sup> size tinned annealed copper drain wire
OUTER SHEATH	Polyvinyl Chloride (PVC). The standard outer sheath colour is yellow as per ANSI MC96.1

## PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF PAIRS	OVERALL DIAMETER NOM (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
<b>16AWG (1/1.29mm) Conductors</b>				
1	6.6	60	1000	56
<b>20AWG (1/0.81mm) Conductors</b>				
2	8.7	78	1000	85
4	10.7	96	1000	131
8	13.3	120	1000	230
12	16.8	151	1000	325
16	18.6	167	1000	403
24	22.5	203	1000	615

300V / 90°C

