

# SINGLE & MULTI-PAIR THERMOCOUPLE EXTENSION, JX, XLPE INSULATION, INDIVIDUAL & OVERALL SCREENED, PVC BEDDING, STEEL WIRE ARMOUR, PVC OUTER SHEATH

## APPLICATION

For indoor and outdoor installation in cable trays or in ducts. Recommended for direct burial

INS-JX XLPE IOS PVC SWA PVC

## CONSTRUCTION

CONDUCTOR	Solid Iron (+) paired with Constantan (-) alloys in accordance with ANSI MC96-1
INSULATION	Cross Linked Polyethylene (XLPE)
CORE IDENTIFICATION	White (+) 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> sized tinned annealed copper drain wire
BEDDING SHEATH	Polyvinyl Chloride (PVC).The standard bedding sheath colour is black
ARMOUR	Single layer of galvanised Steel Wire (SW)
OUTER SHEATH	Polyvinyl Chloride (PVC).The standard outer sheath colour is black as per ANSI MC96.1

## PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF PAIRS	BEDDING DIAMETER UNDER SWA (mm)	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
<b>16AWG (1/1.29mm) Conductors</b>					
1	6.6	10.7	107	1000	236
<b>20AWG (1/0.81mm) Conductors</b>					
2	8.9	13.1	131	1000	314
4	10.3	14.5	145	1000	378
8	12.9	17.1	171	1000	525
12	16.0	21.3	213	1000	818
16	18.2	23.5	235	1000	980
24	21.7	27.7	277	1000	1411

300V / 90°C

