

SINGLE & MULTI-PAIR THERMOCOUPLE EXTENSION, JX, XLPE INSULATION, INDIVIDUAL & OVERALL SCREENED, APL/POLYETHYLENE SHEATH

APPLICATION

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

INS-JX XLPE IOS PVC APL PE

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 ² sized 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 ² sized tinned annealed copper drain wire.
BEDDING SHEATH	Polyvinyl chloride (PVC). The standard bedding sheath colour is black.
BARRIER SHEATH	Aluminium polyethylene laminated (APL) tape/Polyethylene over a 7 strand 0.50mm ² tinned annealed copper drain wire. The standard outer sheath colour is black as per ANSI MC96.1.

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF PAIRS	PRODUCT CODE	BEDDING DIAMETER UNDER APL (mm)	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
16AWG (1/1.29mm) Conductors						
1	X129006	6.6	10.3	93	1000	129
20AWG (1/0.81mm) Conductors						
2	X800084	8.9	12.4	112	1000	148
4	X800085	10.3	13.8	124	1000	200
8	X800086	12.9	16.8	151	1000	302
12	X800087	16.0	19.9	179	1000	408
16	X800088	18.2	22.1	199	1000	520
24	X800089	21.7	26.0	234	1000	723

300V / 90°C

