

## MULTI-PAIR, XLPE INSULATION, INDIVIDUAL & OVERALL SCREENED, PVC SHEATH

### APPLICATION

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

INS-B10

### CONSTRUCTION

CONDUCTOR	Multi-strand plain annealed copper
INSULATION	Cross Linked Polyethylene (XLPE)
CORE IDENTIFICATION	Black and white 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
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 black

### PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF PAIRS	OVERALL DIAMETER NOM (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
0.5mm <sup>2</sup> (7/0.3) Conductors				
2	9.5	86	1000	89
4	11.4	103	1000	149
8	13.9	125	1000	239
12	17.3	157	1000	342
16	19.7	178	1000	455
24	23.6	212	1000	648
36	29.0	261	1000	970
50	34.3	309	1000	1329

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NO. OF PAIRS	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
<b>1.0mm<sup>2</sup> (14/0.3) Conductors</b>				
2	11.6	104	1000	156
4	13.1	118	1000	218
8	17.4	157	1000	420
12	21.2	192	1000	583
16	24.5	221	1000	795
24	28.8	259	1000	1113
36	35.2	317	1000	1476
50	41.2	372	1000	1984
<b>1.5mm<sup>2</sup> (19/0.3) Conductors</b>				
2	12.6	114	1000	166
4	14.7	132	1000	245
8	19.0	172	1000	447
12	24.2	218	1000	662
16	26.9	242	1000	845
24	32.6	293	1000	1238
36	38.8	349	1000	1808
50	45.5	410	1000	2438

300V / 90°C

