

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 ² 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 ² 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 ² (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)
1.0mm² (14/0.3) Conductors				
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
1.5mm² (19/0.3) Conductors				
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

