

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

### APPLICATION

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

INS-B22

### CONSTRUCTION

<b>CONDUCTOR</b>	Multi-strand plain annealed copper
<b>INSULATION</b>	Cross Linked Polyethylene (XLPE)
<b>CORE IDENTIFICATION</b>	Black and white insulated cores; numbered alpha and numerically, at regular intervals
<b>OVERALL SCREEN</b>	Aluminium/polyester tape with a 7 strand 0.50mm <sup>2</sup> size tinned annealed copper drain wire
<b>OUTER SHEATH</b>	Polyvinyl Chloride (PVC). The standard outer sheath colour is black

### PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF PAIRS	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
<b>0.5mm<sup>2</sup> (7/0.3) Conductors</b>				
1	5.3	48	1000	37
2	7.3	66	1000	64
4	9.2	83	1000	182
8	11.9	107	1000	203
12	15.0	137	1000	269
16	16.3	147	1000	332
24	19.6	176	1000	474
36	23.4	211	1000	656
50	27.7	249	1000	899

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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>				
1	6.5	59	1000	62
2	8.5	77	1000	90
4	11.3	102	1000	161
8	14.2	128	1000	276
12	18.0	162	1000	410
16	19.6	176	1000	514
24	24.1	217	1000	765
36	28.7	258	1000	1116
50	34.0	306	1000	1532
<b>1.5mm<sup>2</sup> (19/0.3) Conductors</b>				
1	7.1	64	1000	65
2	9.3	84	1000	126
4	12.4	112	1000	201
8	16.0	144	1000	365
12	19.8	178	1000	522
16	22.4	202	1000	688
24	27.1	244	1000	1007
36	32.2	290	1000	1469
50	37.6	338	1000	1980

300V / 90°C

