

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

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.
OVERALL SCREEN	Aluminium/polyester tape with a 7 strand 0.50mm ² sized 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	PRODUCT CODE	OVERALL DIAMETER NOM (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)	SUGGESTED GLAND SIZE
0.5mm ² (7/0.3) Conductors						
1	OS02343	5.3	48	1000	37	00
2	OS03084	7.3	66	1000	64	00
4	OS03086	9.2	83	1000	203	0
8	OS03089	11.9	107	1000	182	1
12	OS03091	15.0	137	1000	269	2
16	OS03093	16.3	147	1000	332	2
24	OS03095	19.6	176	1000	474	3
36	OS03158	23.4	211	1000	656	3
50	OS03099	27.7	249	1000	899	4

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NO. OF PAIRS	PRODUCT CODE	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)	SUGGESTED GLAND SIZE
1.0mm ² (14/0.3) Conductors						
1	OS03019	6.5	59	1000	62	00
2	OS03159	8.5	77	1000	90	0
4	OS03232	11.3	102	1000	161	1
8	OS02564	14.2	128	1000	276	1
12	OS03233	18.0	162	1000	410	2
16	OS03987	19.6	176	1000	514	3
24	OS03206	24.1	217	1000	765	3
36	OS03384	28.7	258	1000	1116	3
50	OS03388	34.0	306	1000	1532	5
1.5mm ² (19/0.3) Conductors						
1	OS02993	7.1	64	1000	65	00
2	OS03292	9.3	84	1000	126	0
4	OS03312	12.4	112	1000	201	1
8	OS03328	16.0	144	1000	365	2
12	OS02716	19.8	178	1000	522	3
16	OS02746	22.4	202	1000	688	3
24	OS02751	27.1	244	1000	1007	4
36	OS03383	32.2	290	1000	1469	4
50	OS03386	37.6	338	1000	1980	5

300V / 90°C

