

# 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.

300V / 90°C

## 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 <sup>2</sup> sized tinned annealed copper drain wire.
Outer sheath	Polyvinyl chloride (PVC).The standard outer sheath colour is black.

## PURCHASE CODES, WEIGHTS and DIMENSIONS

Number of Pairs	Product code	Overall diameter (mm)	Minimum Bend radius (mm)	Standard drum length (m)	Cable weight (kg/km)	Suggested Gland Size
<b>0.5mm<sup>2</sup> (7/0.3) Conductors</b>						
1	OS02343	5.3	48	1000	37	00
2	OS03084	7.3	66	1000	64	00
4	OS03086	9.2	83	1000	103	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
<b>1.0mm<sup>2</sup> (14/0.3) Conductors</b>						
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
<b>1.5mm<sup>2</sup> (19/0.3) Conductors</b>						
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

