

MULTI-CORE, 1.00, 1.50 & 2.50mm² CONDUCTOR SIZES, XLPE INSULATION, OVERALL SCREENED, PVC BEDDING, SW ARMOUR, PVC OUTER SHEATH

APPLICATION

For indoor and outdoor installation in cable trays or in ducts.
 Recommended for direct burial.

CRS XLPE OS PVC SWA PVC

CONSTRUCTION

CONDUCTOR	Multi-strand plain annealed copper conductors.
INSULATION	Cross linked polyethylene (XLPE).
CORE IDENTIFICATION	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.
WRAPPING	Polyester tape.
BEDDING SHEATH	Polyvinyl chloride (PVC).The standard bedding sheath colour is black.
ARMOUR	Single layer of galvanised steel wire (SW).
OUTER SHEATH	Polyvinyl chloride (PVC).The standard outer sheath colour is black.

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF CORES	PRODUCT CODE	BEDDING DIAMETER UNDER SW-ARMOUR (mm)	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	CABLE WEIGHT (kg/km)	STANDARD DRUM LENGTH (m)	SUGGESTED GLAND SIZE
1.0mm ² (14/0.3) Conductors							
2	OS04572	7.9	12.2	122	275	1000	00
3	OS04131	8.4	12.6	126	298	1000	00
4	OS04132	9.1	13.3	133	330	1000	0
7	OS04135	10.7	14.9	149	415	1000	0
12	OS04164	13.8	19.1	191	697	1000	1
19	OS03775	16.5	21.8	218	898	1000	2
24	OS04573	18.5	23.8	238	1044	1000	2
27	OS03656	19.6	25.6	256	1285	1000	3
37	OS04574	22.3	28.7	287	1584	1000	3
50	OS04575	25.7	32.9	329	2151	1000	4

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NO. OF CORES	PRODUCT CODE	BEDDING DIAMETER UNDER SW-ARMOUR (mm)	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	CABLE WEIGHT (kg/km)	STANDARD DRUM LENGTH (m)	SUGGESTED GLAND SIZE
1.5mm² (19/0.3) Conductors							
2	OS03374	8.3	12.5	125	295	1000	00
3	OS03375	8.8	12.9	129	319	1000	00
4	OS03376	9.5	13.7	137	359	1000	0
7	OS03377	11.2	15.4	154	455	1000	1
12	OS03605	14.6	20.0	199	768	1000	2
19	OS03770	17.4	23.0	227	1008	1000	2
24	OS03364	19.6	25.6	256	1327	1000	3
27	OS04406	20.8	27.0	268	1429	1000	3
37	OS04327	23.6	32.0	300	1768	1000	3
50	OS04577	27.2	34.4	344	2404	1000	4
2.5mm² (7/0.67) Conductors							
2	OS04565	9.3	13.5	135	349	1000	0
3	OS04566	9.9	14.1	141	386	1000	0
4	OS04567	10.7	14.9	149	441	1000	0
7	OS04568	12.7	16.9	169	581	1000	1
12	OS04000	17.1	22.4	224	1014	1000	2
19	OS04067	19.9	25.9	259	1471	1000	3
24	OS04569	22.9	29.3	293	1799	1000	3
27	OS04570	24.3	31.5	315	2151	1000	3
37	OS03771	27.2	34.4	344	2617	1000	4

