

MULTI-CORE, 1.00mm², 1.50mm² & 2.50mm² CONDUCTOR SIZES, XLPE INSULATION, OVERALL SCREENED, PVC BEDDING, STEEL WIRE 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 size 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	BEDDING DIAMETER UNDER SWA (mm)	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
1.0mm² (14/0.3) Conductors					
2	7.9	12.2	122	1000	275
3	8.4	12.6	126	1000	298
4	9.1	13.3	133	1000	330
7	10.7	14.9	149	1000	415
12	13.8	19.1	191	1000	697
19	16.5	21.8	218	1000	898
24	18.5	23.8	238	1000	1044
27	19.6	25.6	256	1000	1285
37	22.3	28.7	287	1000	1584
50	25.7	32.9	329	1000	2151

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PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF CORES	BEDDING DIAMETER UNDER SWA (mm)	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
1.5mm² (19/0.3) Conductors					
2	8.3	12.5	125	1000	295
3	8.8	12.9	129	1000	319
4	9.5	13.7	137	1000	359
7	11.2	15.4	154	1000	455
12	14.6	19.9	199	1000	768
19	17.4	22.7	227	1000	1008
24	19.6	25.6	256	1000	1327
27	20.8	26.8	268	1000	1429
37	23.6	30.0	300	1000	1768
50	27.2	34.4	344	1000	2404
2.5mm² (7/0.67) Conductors					
2	9.3	13.5	135	1000	349
3	9.9	14.1	141	1000	386
4	10.7	14.9	149	1000	441
7	12.7	16.9	169	1000	581
12	17.1	22.4	224	1000	1014
19	19.9	25.9	259	1000	1471
24	22.9	29.3	293	1000	1799
27	24.3	31.5	315	1000	2151
37	27.2	34.4	344	1000	2617

