

MULTI-CORE, 1.00mm², 1.50mm² & 2.50mm² CONDUCTORS, XLPE INSULATION, OVERALL SCREENED, PVC APL/PE

APPLICATION

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

CRS XLPE OS PVC APL-PE

CONSTRUCTION

CONDUCTOR	1.00mm ² , 1.50mm ² and 2.50mm ²
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 outer sheath colour is black
ARMOUR	Aluminium polyethylene laminated (APL) tape over a 7 strand 0.50mm ² size tinned annealed copper drain wire
OUTER SHEATH	Polyethylene (PE). The standard outer sheath colour is black

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF CORES	BEDDING DIAMETER (mm)	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
1.0mm ² (14/0.3) Conductors					
2	7.7	11.2	101	1000	118
3	8.1	11.6	104	1000	137
4	8.8	12.3	111	1000	155
7	10.8	14.3	129	1000	220
12	13.9	17.8	160	1000	330
19	16.6	20.5	185	1000	466
24	18.7	22.6	203	1000	555
27	19.7	23.4	211	1000	621
37	22.5	26.8	240	1000	821
50	25.7	29.5	266	1000	1031

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PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF CORES	BEDDING DIAMETER (mm)	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
1.5mm² (19/0.3) Conductors					
2	8.0	11.6	104	1000	120
3	8.5	12.1	109	1000	150
4	9.2	12.7	114	1000	173
7	11.3	15.2	137	1000	264
12	15.1	19.0	171	1000	402
19	17.5	21.4	193	1000	577
24	20.0	23.4	211	1000	675
27	21.3	25.6	230	1000	780
37	23.7	28.1	253	1000	920
50	27.7	32.1	289	1000	1274
2.5mm² (7/0.67) Conductors					
2	9.3	12.2	110	1000	170
3	9.9	12.8	115	1000	196
4	10.7	13.6	122	1000	234
7	12.5	16.7	150	1000	340
12	17.2	21.1	190	1000	444
19	20.5	24.8	224	1000	794
24	22.9	26.6	239	1000	1006
27	24.3	28.0	252	1000	1110
37	27.2	30.9	278	1000	1440

600V/1000V 90°C

