

MEGA KABEL PRODUCTS SPECIFICATION



CONSTRUCTION

CONDUCTOR	: PLAIN ANNEALED COPPER CONDUCTOR
INSULATION	: XLPE (CROSS-LINKED POLYETHYLENE) RATED 90°C
BEDDING	: PVC COMPOUND
ARMOUR	: HARD-DRAWN ALUMINIUM WIRE
SHEATH	: PVC COMPOUND
COLOUR OF CORES	: NATURAL
COLOUR OF SHEATH	: BLACK

SINGLE CORE, XLPE INSULATED, PVC-SHEATHED ARMoured CABLES.

IEC 60502

600 / 1000 VOLTS

Nominal Area of Conductor mm ²	Shape of Conductor	Thickness of Insulation mm	Thickness of Extruded Bedding mm	Nominal armour wire diameter mm	Thickness of Oversheath mm	Approx. Overall Diameter mm	Approx. Cable Weight Kg/km
50	C.C.	1.0	1.0	1.25	1.8	19.0	750
70	C.C.	1.1	1.0	1.25	1.8	20.5	980
95	C.C.	1.1	1.0	1.6	1.8	22.5	1270
120	C.C.	1.2	1.0	1.6	1.8	24.0	1570
150	C.C.	1.4	1.0	1.6	1.8	26.5	1890
185	C.C.	1.6	1.0	1.6	1.8	28.5	2300
240	C.C.	1.7	1.0	1.6	1.9	32.5	2900
300	C.C.	1.8	1.0	1.6	1.9	34.5	3650
400	C.C.	2.0	1.2	2.0	2.1	39.5	4600
500	C.C.	2.2	1.2	2.0	2.2	43.0	5700
630	C.C.	2.4	1.4	2.0	2.3	49.5	7400
800	C.C.	2.6	1.4	2.5	2.5	55.0	9360
1000	C.C.	2.8	1.4	2.5	2.7	61.0	11600

Shape : C.C. : Circular Compacted Stranded Conductor (Class 2).

Notes : Current rating and voltage drop refer to Page A-7