

# MEGA KABEL PRODUCTS SPECIFICATION



## CONSTRUCTION

CONDUCTOR	:	PLAIN ANNEALED COPPER CONDUCTOR
INSULATION	:	PVC COMPOUND
BEDDING	:	PVC COMPOUND
ARMOUR	:	GALVANISED STEEL WIRES
SHEATH	:	PVC COMPOUND
COLOUR OF CORES	:	RED AND BLACK
COLOUR OF SHEATH	:	BLACK

## PVC-INSULATED, PVC-SHEATHED ARMoured CABLES.

MS 274 / BS 6346

600 / 1000 VOLTS

Nominal Area of Conductor mm <sup>2</sup>	Shape of Conductor	Thickness of Insulation mm	Thickness of Extruded Bedding mm	Nominal armour wire diameter mm	Thickness of Oversheath mm	Extruded Bedding	
						Approx. Overall Diameter mm	Approx. Cable Wt. Kg/km
1.5	C.S.	0.6	0.8	0.9	1.3	11.7	279
1.5	C.C.	0.6	0.8	0.9	1.4	12.3	300
2.5	C.S.	0.7	0.8	0.9	1.4	13.1	347
2.5	C.C.	0.7	0.8	0.9	1.4	13.6	349
4	C.C.	0.8	0.8	0.9	1.4	15.1	434
6	C.C.	0.8	0.8	0.9	1.5	16.5	520
10	C.C.	1.0	0.8	1.25	1.6	20.1	800
16	C.C.	1.0	0.8	1.25	1.6	21.9	960
25	S.S.	1.2	1.0	1.6	1.7	23	1435
25	C.C.	1.2	1.0	1.6	1.7	26.7	1435
35	S.S.	1.2	1.0	1.6	1.8	24.9	1680
50	S.S.	1.4	1.0	1.6	1.9	27.8	2100
70	S.S.	1.4	1.0	1.6	1.9	30.4	2640
95	S.S.	1.6	1.2	2.0	2.1	35.5	3680
120	S.S.	1.6	1.2	2.0	2.2	38.0	4310
150	S.S.	1.8	1.2	2.0	2.3	41.3	5060
185	S.S.	2.0	1.4	2.5	2.4	46.4	6570
240	S.S.	2.2	1.4	2.5	2.5	51.2	8110
300	S.S.	2.4	1.6	2.5	2.7	56.4	9790
400	S.S.	2.6	1.6	2.5	2.9	61.9	11850

Shape : C.C. : Circular Compacted Stranded Conductor (Class 2).  
 C.S. : Circular Stranded Conductor (Class 2).  
 S.S. : Shaped Stranded Conductor (Class 2).  
 Notes : Current rating and voltage drop refer to Page A-5