

KATHODICA™ CABLES - EPR-CSP

SPECIFICATION

600/1000 volts grade to BS 6883 (where applicable)

Conductor: Tinned annealed copper conductors

Insulation: Ethylene Propylene Rubber (EPR)

Sheath: Chlorosulphonated Polyethylene (CSP)

TECHNICAL DATA

Nominal area of conductors	mm ²	6	10	16	25	35	50	70	95	120
Max conductor dc resistance at 20°C	ohm / km	3.08	1.83	1.15	0.727	0.524	0.387	0.268	0.193	0.15
Number of wires and diameter before stranding	No.	7	7	7	7	19	19	19	37	37
	mm	1.04	1.35	1.70	1.35	1.53	1.78	2.14	1.78	2.03
Nominal conductor diameter	mm	3.12	4.05	5.10	6.75	7.65	8.90	10.70	12.46	14.2
Radial thickness of insulation	mm	1.0	1.2	1.2	1.4	1.4	1.6	1.6	1.8	1.8
Radial thickness of sheath	mm	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5
Nominal cable weight	kg/km	105	165	230	360	425	570	785	1060	1300
Nominal overall diameter	mm	7.5	9.0	10.1	12.4	13.3	15.2	17.2	19.3	21.4

HALAR/HMWPE cable is part of the CCEL "KATHODICA" range of cables and electrical items. Further details on the complete range of CCEL products and services are available upon request.



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