

KATHODICA™ CABLES - HMWPE Metric-sized

SPECIFICATION

Conductor: Circular stranded conductor of plain annealed copper wires, conductor complies with IEC 228/78 Class 2 :**Insulation:** Extruded PE complying with ASTM D 1248 Type 2, Category 5, Class A, Density 0.93

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

CCEL operates a formal QA system and is approved to BS EN 9001

TECHNICAL DATA

Nominal area of conductors	mm ²	6	10	16	25	35	50	70	95	120	150	185
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	0.153	0.122	0.100
Number of wires & dia. before stranding	No.	7	7	7	7	19	19	19	19	37	37	37
	mm	1.04	1.35	1.70	2.14	1.53	1.78	2.14	2.52	2.03	2.25	2.52
Nominal conductor diameter	mm	3.12	4.05	5.10	6.42	7.65	8.90	10.70	12.60	14.21	15.75	17.46
Nominal insulation thickness	mm	2.30	2.70	2.70	2.70	2.70	3.17	3.17	3.17	3.17	3.90	3.90
Nominal cable weight	kg/km	92	148	209	308	406	551	761	1023	1265	1580	1945
Nominal overall diameter	mm	7.80	9.60	10.7	11.90	13.20	15.50	17.20	19.10	21.00	24.00	26.00



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