

## KATHODICA™ CABLES - Halar/HMWPE

### SPECIFICATION

**Conductor:** Circular stranded conductor of plain annealed copper wire in accordance with BS 6360.

**Insulation:** HALAR (ECTFE) Fluoropolymer.

**Sheath:** High Molecular Weight Polyethylene conforms to ASTM specifications D-1248, Type 1, Class C, Grade 5, radial thickness 1.65mm.

### TECHNICAL DATA

Nominal area of conductors	mm <sup>2</sup>	4	6	10	16	25	35	50	70
Nominal insulation thickness	mm	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Nominal area of stranding	mm	0.85	1.04	1.35	1.70	2.14	1.53	1.78	2.14
	No.	7	7	7	7	7	19	19	19
Min average sheath thickness	mm	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
Nominal overall diameter	mm	7.00	7.57	8.50	9.60	10.97	12.20	13.45	15.35
Nominal cable weight	kg	72.01	95.01	140.56	205.02	303.70	401.77	526.79	740.28
Max conductor resistance	Ohm/km At 20 °	4.70	3.11	1.84	1.16	0.73	0.529	0.39	0.27

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.

CCEL operates a formal QA system and is approved to BS EN ISO9001.



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