



KATHODICA™ CABLES - XLPE/PVC

SPECIFICATION

Overall cable based on IEC 502

Conductor: Circular stranded conductor of plain annealed copper wires, conductor complies with IEC 228/78 Class 2

Insulation: Extruded Cross Link Polyethylene complying with IEC 502

Sheath: Extruded PVC complying with IEC 502 Type ST.1

XLPE/PVC 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 ISO 9001

TECHNICAL DATA

Nominal area of conductors	mm ²	4	6	10	16	25	35	50	70	95
Max conductor dc resistance at 20°C	ohm/km	4.61	3.08	1.83	1.15	0.727	0.524	0.387	0.268	0.193
Number of wires and diameter before stranding	No.	7	7	7	7	7	19	19	19	19
	mm	0.85	1.04	1.35	1.70	2.14	1.53	1.78	2.14	2.52
Nominal conductor diameter	mm	2.55	3.12	4.05	5.10	6.42	7.65	8.90	10.70	12.60
Nominal insulation thickness	mm	0.70	0.70	0.70	0.70	0.90	0.90	1.00	1.10	1.10
Nominal sheath thickness	mm	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
Nominal cable weight	kg/km	81	106	151	216	322	422	554	771	1043
Nominal overall diameter	mm	6.90	7.50	8.50	9.50	12.30	12.50	14.00	16.00	18.10



CORRPRO Companies Europe Limited
Adam Street, Bowesfield Lane, Stockton-on-Tees, TS18 3HQ
Telephone: ++44 (01642) 614106 (8 lines)
Fax: ++44 (01642) 614100 E Mail: ccel@corrpro.co.uk