



Cathodic Protection Cables Data Sheet

Client requirements

Typical sizes and sheathings are given below:

XLPE/PVC

Size mm ²	Stranding mm	Nominal O/D mm	Weight kg/km
6	7/1.04	7.8	110
10	7/1.35	8.7	150
16	7/1.70	9.6	210
25	7/2.14	11.2	310
35	7/2.60	12.2	400
50	19/1.78	13.8	530
70	19/2.14	15.5	720
95	19/2.52	17.7	1000
120	37/2.03	19.3	1240

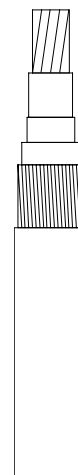
600/1000 volt grade cross linked polyethylene insulated and PVC sheathed overall to IEC 502/83



XLPE/PVC/SWA/PVC

Size mm ²	Stranding mm	Nominal O/D mm	Weight kg/km
10	7/1.32	13.5	495
16	7/1.67	14.2	535
25	7/2.19	15.2	585
35	7/2.65	16.3	640
50	19/1.82	17.7	730
70	19/2.18	20.4	980
95	19/2.58	22.3	1270
120	37/2.10	24.0	1540

600/1000 volt grade cross linked polyethylene insulated, PVC bedding, galvanised steel wire armoured and PVC sheathed overall to IEC 502/83



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

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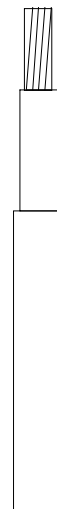
KYNAR (PVDF)/HMWPE (XLPE)

Size mm ²	Stranding mm	Nominal O/D mm	Weight kg/km
6	7/1.04	7.44	96
10	7/1.35	8.37	135
16	7/1.70	9.42	197
25	19/1.35	11.07	312
35	19/1.53	12.30	398

Cable specially constructed for use in deep well groundbeds, sea water and other severe Cathodic Protection situations.

Radiation cross linked PVDF is inert to all acids and alkalis found in a groundbed environment.

The Polyolefin sheath is resistant to salt water and conforms to ASTM Spec. D-1248 Type 3, Class C, Grade 5.



EPR/CPS (ETHYLENE PROPYLENE RUBBER INSULATED, CHLOROSULPHONATED POLYETHYLENE SHEATHED)

Size mm ²	Stranding mm	Nominal O/D mm	Weight kg/km
6	7/1.04	7.5	105
10	7/1.35	9.0	165
16	7/1.70	10.1	230
25	19/1.35	12.4	360
35	19/1.53	13.3	425
50	19/1.78	15.2	570
70	19/2.14	17.2	785
95	37/1.78	19.3	1060
120	37/2.03	21.4	1300

600/1000 volt grade to BS 6883/69 where applicable.
Maximum operating temperature 85°C.



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