



Power Cable

AL Conductor HEPR/PO 0.6/1kV LSOH Power Cable 90°C

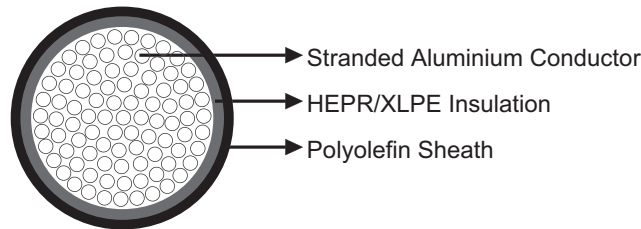
» Application

These cables are designed for main power lines of permanent routing in wind tower installation.

» Standards

IEC 60502

» Construction



Conductor: Aluminium conductor, class 2 to IEC 60228.

Insulation: HEPR. XLPE can be offered upon request.

Inner Covering: rubber compound type GM1b.

Sheath: Compound based on polyolefin, type HXM1.

» Technical Data

| | |
|--------------------------------------|---------------------------|
| Rated Voltage U ₀ /U (Um) | 0.6/1kV |
| Operating Temperatures | -40°C~+ 90°C |
| Minimum Bending Radius | 4×OD |
| Short-circuit Temperature | 250°C |
| Flame Retardant | IEC 60332-1 |
| Halogen Free | IEC 60754 |
| Gases Corrosively | DIN EN 50267-2/ IEC 60754 |
| Smoke Density | IEC 61034 |
| Oil Resistant | Yes |
| Ozone Resistant | Yes |
| UV Resistant | Yes |



Caledonian Windmill Cables

Power Cable

» Dimensions and Weight

| Construction No. of cores×mm ² | Nominal Overall Diameter mm | Nominal Weight kg/km |
|--|--------------------------------|-------------------------|
| 1×50 | 13.0 | 266 |
| 1×70 | 15.0 | 352 |
| 1×95 | 16.5 | 450 |
| 1×120 | 18.0 | 556 |
| 1×150 | 20.0 | 686 |
| 1×185 | 22.5 | 842 |
| 1×240 | 26.0 | 1076 |
| 1×300 | 29.0 | 1299 |
| 1×400 | 32.5 | 1680 |
| 3×150 | 44.0 | 2756 |
| 4×150 | 49.0 | 3367 |

