



AL Conductor EPR/XLEVA 0.6/1kV LSOH Power Cable 90°C

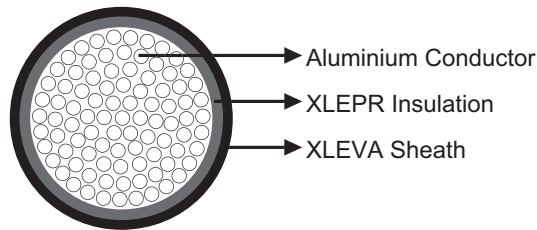
» Application

These durable, high temperature resistant LSOH cables are designed for wind turbines and dedicated for fixed installation inside the tower.

» Standards

IEC 60502-1

» Construction



Conductor: Aluminium conductor, class 2 according to IEC 60228/EN 60228.

Insulation: Special cross-linked halogen free rubber EPR for high temperatures.

Sheath: Special cross-linked synthetic halogen free rubber EM8 (XLEVA). CPE can be offered upon request.

» Technical Data

Rated Voltage U ₀ /U (Um)	0.6/1kV
Operating Temperatures	-40°C~+ 90°C
Minimum Bending Radii	6×OD
Maximum Permissible Tensile Load	15N/mm ²
Short-circuit Temperature	250°C
Flame Retardant	IEC 60332-1/ IEC 60332-3
Halogen Free	IEC 60754
Corrosive Gases	IEC 60754
Smoke Density	IEC 61034
Oil Resistant	Yes
Ozone Resistant	Yes



Caledonian Windmill Cables

Power Cable

UV Resistant	Yes
Water Resistant	Yes

» Dimensions and Weight

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
1×150	22.5	640
1×185	25.0	770
1×240	27.8	980
1×300	30.5	1210
1×400	35.5	1550

