



EPR/HFXLEVA Medium Voltage Torsion Resistant Cable

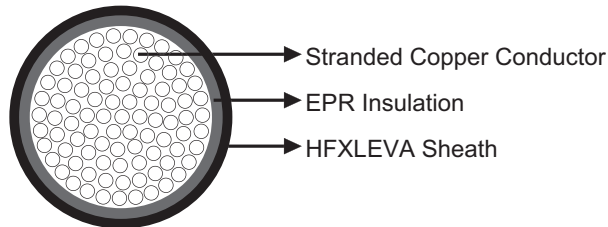
» Application

These cables having torsion resistant, good bending and halogen free are specifically designed for the torsion applications in wind turbines, suitable for transmit energy from the generator to the transformer, which is usually located at the base of the tower.

» Standards

IEC 60502

» Construction



Conductor: Stranded tinned copper, class 5/class 6 according to IEC 60228.

Insulation: EPR.

Sheath: HFXLEVA.

» Technical Data

Rated Voltage U ₀ /U (Um)	1.8/3kV
Operating Temperatures	-40°C~+125°C
Minimum Bending Radius	6×OD
Torsion Application	+/-180°/m
Flame Retardant	IEC 60332-3
Halogen Free	IEC 60754
Corrosive Gases	IEC 60754
Smoke Density	IEC 61034
Oil Resistant	Yes
Ozone Resistant	Yes
UV Resistant	Yes
Cold Resistant	CSA C 22.2



Caledonian Windmill Cables

Power Cable

» Dimensions and Weight

1.8/3kV

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
1×25	12.9	516
1×35	14.3	670
1×50	16.5	840
1×70	18.6	1112
1×95	21.6	1520
1×120	23.7	1880
1×150	26.2	2513
1×185	29.9	3272
1×240	32.1	3534
1×300	34.5	4020
1×400	39.3	5640

