



Medium Voltage High Temperature Resistant Cables +180°C

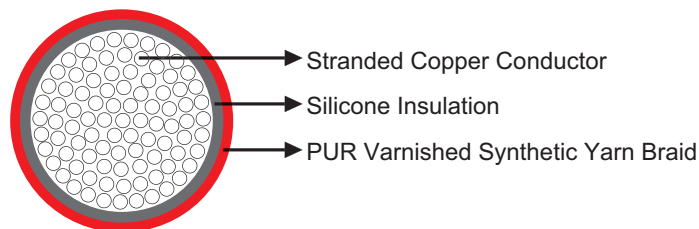
» Application

These cables are specifically designed for applications requiring for high temperature and oil resistant, suitable used for linking generators to transformers positioned up in the nacelle.

» Standards

IEC 60092

» Construction



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

Tape: Polyester tape (up 16 mm²), Semi-conductive layer (only for 6.6 and 13.8 kV).

Insulation: Silicone rubber insulation.

Braid: PUR varnished synthetic yarn braid.

» Technical Data

Rated Voltage U0/U (Um)	1.1kV-15kV
Operating Temperatures	-55°C~+180°C
Minimum Bending Radius	6×OD (1.1kV); 12×OD (>=1.1kV)
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
UV Resistant	Yes
Cold Resistant	CSA C 22.2



Power Cable

» Dimensions and Weight

1.1kV

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm ²	mm	kg/km
1×2.5	4.5	36
1×4	5.0	52
1×6	5.4	69
1×10	6.4	111
1×16	8.6	177
1×25	10.3	267
1×35	11.6	365
1×50	13.6	510
1×70	15.7	701
1×95	17.9	926
1×120	19.8	1154
1×150	21.9	1432
1×185	24.3	1761
1×240	26.9	2284

3.3-4.2kV

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm ²	mm	kg/km
1×2.5	6.3	54
1×6	7.3	90
1×10	8.2	135
1×16	10.4	208
1×25	12.0	302
1×35	13.2	401
1×50	15.4	559
1×70	17.5	775
1×95	19.5	981
1×120	21.4	1215
1×150	23.1	1481
1×185	25.1	1798
1×240	27.5	2314

6.6-7.2kV

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm ²	mm	kg/km
1×4	7.6	81
1×6	8.0	99



Caledonian Windmill Cables

Power Cable

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
1×10	9.0	145
1×16	11.3	225
1×25	12.9	322
1×35	14.1	423
1×50	16.3	584
1×70	18.3	785
1×95	20.2	1006
1×120	22.0	1238
1×150	24.1	1525
1×185	26.1	1844
1×240	28.3	2355

13.8-15.0kV

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
1×10	12.1	205
1×16	14.0	288
1×25	15.5	390
1×35	16.7	497
1×50	18.5	655
1×70	20.6	864
1×95	22.4	1093
1×120	24.2	1332
1×150	26.5	1637
1×185	28.5	1966
1×240	30.7	2486