



# Caledonian Windmill Cables

## Control Cable

### (H)07RN-F HFFR & UL/CSA 600V 90°C

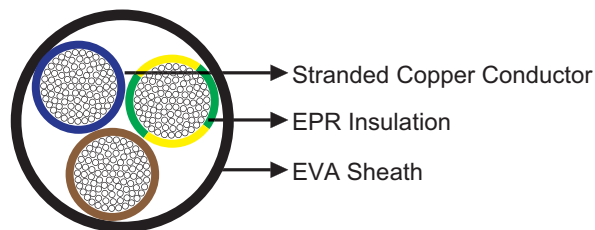
#### » Application

These cables are designed for use at medium mechanical stresses in wind turbines. They can be used in case of protected and fixed installation in tubes or in equipment as well as rotor connecting cable of motors with a working voltage up to 1000 V alternating voltage or a direct voltage up to 750 V against ground.

#### » Standards

HD 22.4  
UL 758

#### » Construction



**Conductor:** Stranded bare copper, fine wire class 5 according to DIN VDE 0295.

**Insulation:** EPR class 28.

**Sheath:** EVA.

#### » Technical Data

Rated Voltage U <sub>o</sub> /U (U <sub>m</sub> )	600V(UL/CSA)
Operating Temperatures	-40°C~+90°C
Minimum Bending Radius	flexing: 6×OD; fixed: 4×OD
Short-circuit Temperature	250°C
Flame Retardant	EN 50265-2-1/IEC 60332-1
Corrosive Gases	EN 50267-2
Smoke Density	EN 50268-2
Oil Resistant	Yes
UV Resistant	Yes



## Control Cable

### » Dimensions and Weight

Construction No. of cores×mm <sup>2</sup>	Nominal Overall Diameter mm	Nominal Weight kg/km
1G25	13.9	420
1×50	17.8	790
1G95	22.4	1145
1×150	27.1	1845
1×240	32.1	2820
1×300	35.0	3390
3G1.5	9.8	165
3G2.5	11.5	227
3×25	27.5	1435
3×50	35.5	2598
3×70	41.0	3570
3×95	46.0	4510
3×240	70.5	10280
4G1.5	10.5	208
4G2.5	12.5	289
4G4	14.5	394
5G1.5	11.5	258
5G2.5	13.5	362
7G1.5	13.5	412
7G2.5	15.5	554

G: with yellow/green earth core

×: without yellow/green earth core