



H07RN-F & UL/CSA 600V 90°C

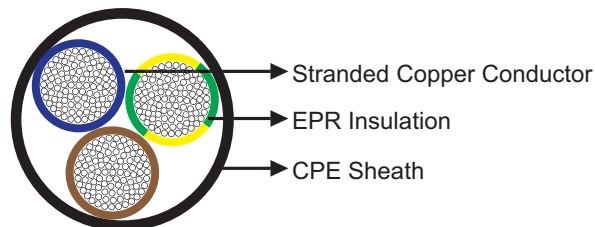
» Application

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 S4
UL 758

» Construction



Conductor: Stranded bare copper, fine wire class 5 according to IEC 60228/DIN VDE 0295/HD 383.

Insulation: EPR class 28.

Sheath: CPE class 42.

» Technical Data

Rated Voltage U ₀ /U (U _m)	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	DIN EN 60332-1-2/IEC 60332-1-2
Oil Resistant	Yes
Ozone Resistant	Yes
UV Resistant	Yes



Control Cable

» Dimensions and Weight

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
1G25	13.9	385
1×50	17.8	680
1G95	22.4	1142
1×150	27.1	1845
1×240	32.1	2820
1×300	35.0	3390
1×400	40.0	4370
3G1	9.6	130
3G1.5	9.8	160
3G2.5	11.5	220
3G4	16.0	320
3G6	17.1	420
3G10	22.9	810
3×35	31.5	1850
3×50	35.5	2590
3×70	41.0	3560
3×95	46.0	4500
3×240	70.5	10260
4G1.5	10.5	200
4G2.5	12.5	280
4G4	14.5	380
4G6	18.4	540
4G10	25.0	950
5G1.5	11.5	250
5G2.5	13.5	350
5G4	18.7	485
5G6	20.1	650
7G1.5	13.5	400
7G2.5	15.5	540

G: with yellow/green earth core

×: without yellow/green earth core