



## Power Cable

### H05BQ-F/H07BQ-F

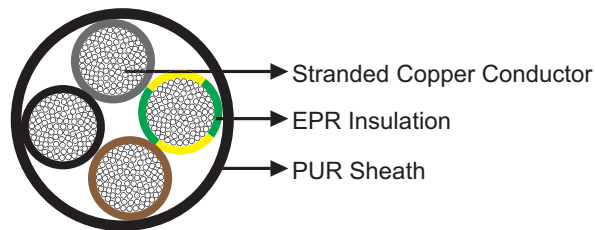
#### » Application

These cables are used as power cables for high mechanical stresses, in particular for abrasion and grinding stresses, suitable for use in dry, damp and wet rooms and outdoors, for connecting electric tools and lamps also on construction sites.

#### » Standards

HD 22.10 S1

#### » Construction



**Conductor:** Stranded bare copper, class 5 according to HD 383.

**Insulation:** EPR compound type EI6.

**Sheath:** Polyurethane.

#### » Technical Data

Rated Voltage U <sub>0</sub> /U (Um)	300/500V (H05BQ-F);450/750V (H07BQ-F)
Operating Temperatures	-40°C~+90°C
Minimum Bending Radius	fixed: 4×OD; flexing: 6×OD



### » Dimensions and Weight

#### H05BQ-F

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm <sup>2</sup>	mm	kg/km
2×0.75	6.6	50
3G0.75	7.2	60
4G0.75	7.8	80
5G0.75	8.8	100
2×1	7.1	60
3G1	7.5	70
4G1	8.2	90
5G1	9.2	110

#### H07BQ-F

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm <sup>2</sup>	mm	kg/km
2×1.5	8.7	90
3G1.5	9.2	110
4G1.5	10.3	130
5G1.5	11.3	170
2×2.5	10.3	120
3G2.5	11.0	160
4G2.5	12.3	200
5G2.5	13.6	250
2×4	12.2	170
3G4	12.9	230
4G4	14.5	280
5G4	16.0	360
2×6	13.5	220
3G6	14.6	300
4G6	16.2	380
5G6	17.9	470
2×10	17.8	380
3G10	19.1	520
4G10	21.1	650
5G10	23.2	800
2×16	20.4	540
3G16	22.1	750
4G16	24.2	950
5G16	26.9	1160

G: with green-yellow earth core

×: without green-yellow earth core