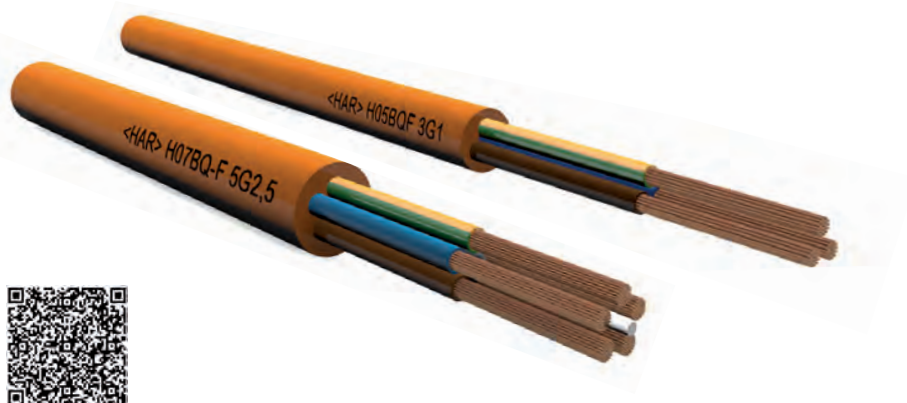


H05 BQ-F / H07 BQ-F

PUR - insulated cable

RoHS



APPLICATION

For use outdoors and in dry rooms, under high mechanical loads. For agricultural and commercial appliances. Excellent abrasion and notch resistance. High radiation resistance. Ideal as a supply line for hand-held devices and drills. The combination of the flexible rubber core insulation and robust PUR sheath guarantees a long service life. PUR is resistant to microbes, hydrolysis, UV radiation, ozone, oxygen, oils, grease, petrol, water and atmospheric influences. Free from paint-coating substances.

STRUCTURE

Conductor	Bare copper conductor, design structure according to DIN VDE 0282 part 10 Conductor structure according to VDE 0295 and HD 383 class 5, cores stranded in layers
Cores	Rubber insulation
Outer sheath	Polyurethane according to VDE 282 part 10

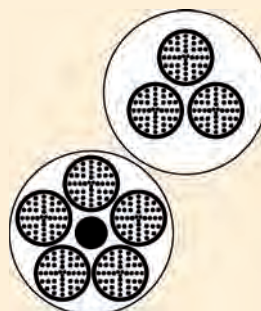
TECHNICAL DATA

Nominal voltage	H05 BQ-F: 300/500 V H07 BQ-F: 450/750 V
Test voltage	H05 BQ-F: 2000 V H07 BQ-F: 2500 V
Operating temperature	-40°C to +90°C
Max. operating temperature	+90°C
Min. installation temperature	-30°C
Max. installation temperature	+80°C
Min. bending radius	Moving 12 x cable diameter

TESTS ACCORDING TO DIN VDE 0282 PART 10 AND HD 22.10.S1:

Oil resistance	According to HD 505.21
Cold resistance	According to HD 505.1.4
Hydrolysis resistance	HD 22.10
Ozone resistance	According to HD 505.2.1 and HD 22.2

CROSS SECTION



Acc. to VDE 0285-525-2-21

SPECIAL FEATURES

Sheath colour
Orange with inscription:
H05 BQ-F/H07 BQ-F

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
H05 BQ-F	2x0.75	14.4	6.5	53	1060101
H05 BQ-F	2x1	19.0	7.0	60	1060102
H07 BQ-F	2x1.5	29.0	8.5	91	1060103
H07 BQ-F	2x2.5	48.0	9.0	101	1060104
H07 BQ-F	2x4.0	77.0	10.6	154	1060105
H07 BQ-F	2x6.0	116.0	11.8	232	1060106
H07 BQ-F	2x10.0	192.0	15.6	343	1060107
H07 BQ-F	2x16.0	308.0	17.9	554	1060108
H05 BQ-F	3G0.75	21.6	7.0	65	1060120
H05 BQ-F	3G1	29.0	7.5	72	1060121
H07 BQ-F	3G1.5	43.0	9.0	110	1060122
H07 BQ-F	3G2.5	72.0	11.0	160	1060123
H07 BQ-F	3G4.0	115.0	11.3	264	1060124
H07 BQ-F	3G6.0	173.0	12.8	346	1060125
H07 BQ-F	3G10.0	288.0	16.8	500	1060126
H07 BQ-F	3G16.0	461.0	19.5	830	1060127
H05BQ-F	4G0.75	29.0	8.0	82	1060140
H05BQ-F	4G1	38.0	8.5	91	1060141
H07BQ-F	4G1.50	58.0	11.0	143	1060142
H07BQ-F	4G2.50	96.0	12.5	200	1060143
H07BQ-F	4G4	154.0	12.7	277	1060144
H07BQ-F	4G6	230.0	14.2	414	1060145
H07BQ-F	4G10	384.0	18.6	691	1060146
H07BQ-F	4G16	614.0	21.3	1106	1060147
H05 BQ-F	5G0.75	36.0	7.6	100	1060160
H05 BQ-F	5G1	48.0	9.0	112	1060161
H07 BQ-F	5G1.5	72.0	11.0	170	1060162
H07 BQ-F	5G2.5	120.0	13.5	260	1060163
H07 BQ-F	5G4	192.0	14.1	345	1060164
H07 BQ-F	5G6	288.0	15.7	518	1060165
H07 BQ-F	5G10	480.0	20.4	864	1060166
H07 BQ-F	5G16	768.0	23.7	1382	1060167
H07 BQ-F	7G1.5	101.0	13.2	260	1060171