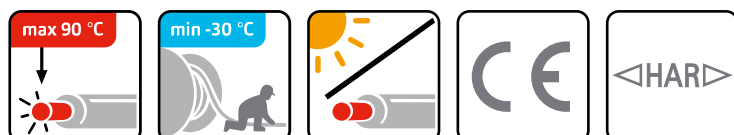


# PUR insulated cable H05BQ-F acc. to EN 50525-2-21



**conductor material:** bare copper  
**conductor construction:** fine stranded, class 5  
**insulation:** rubber (EPR) EI4  
**sheathing material:** polyurethan  
**flame retardant:** no  
**maximum temperature at conductor:** 90 °C  
**max. operating temperature, fixed:** -40 - +80 °C  
**nominal voltage U<sub>0</sub>:** 300 V  
**nominal voltage U:** 500 V  
**core identification:** colours acc. VDE 0293 (HD308)

**Application:** In dry and wet environment as well as in free air for medium mechanical stress. For connection of electrical tools on building sites or in cold environments.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics H05BQ-F

p/n	part name	R <sub>l</sub> [Ω/km]	I <sub>bl</sub> [A]	R <sub>bb</sub> [mm]	R <sub>bv</sub> [mm]	D <sub>A</sub> [mm]	Cu [kg/km]	G [kg/km]
050320	H05BQ-F 02X0,75 OR	26	6	77	26	6,4	14,4	48,5
051270	H05BQ-F 03X0,75 OR	26	6	80	27	7,1	21,6	60
050321	H05BQ-F 03G0,75 OR	26	6	85	28	7,1	21,6	60
050322	H05BQ-F 04G0,75 OR	26	6	91	30	7,6	29	76
050323	H05BQ-F 05G0,75 OR	26	6	102	34	8,5	36	98
050324	H05BQ-F 02X1 OR	19,5	10	84	28	7	19,2	57
050325	H05BQ-F 03G1 OR	19,5	10	89	30	7,4	28,8	71
050326	H05BQ-F 04G1 OR	19,5	10	97	32	8,1	38,4	92
050327	H05BQ-F 05G1 OR	19,5	10	108	36	9	48	115,5

R <sub>l</sub>	conductor resistance
I <sub>bl</sub>	ampacity (in air) (30°C)
R <sub>bb</sub>	bending radius, moved application
R <sub>bv</sub>	bending radius, fixed installation
D <sub>A</sub>	outer diameter
Cu	copper weight (ger)
G	weight