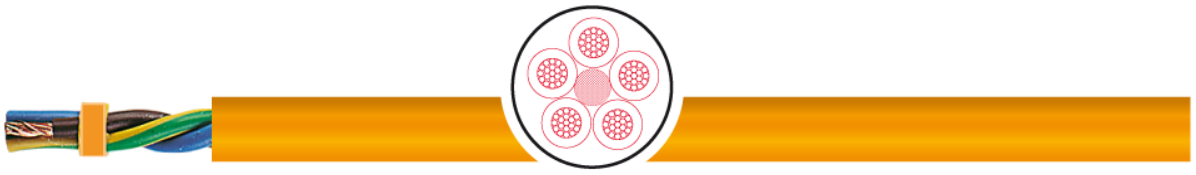
H05BQ-F, H07BQ-F



USE OF CABLE

harmonized, halogen-free connecting cable in electrical facilities and hand-held electric tools, for fixed laying and flexible applications with undefined cable routing and without tensile stress. Suitable for use in dry, humid or wet rooms. Outdoor use within temperature range, no laying underground.

SPECIAL FEATURES

- increased resistance to acid, bases, dissolver, hydrolysis, lubricants etc. (see table of chemical resistance)
- LABS-free (during production)
- increased resistance to abrasion and microbes
- UV-resistant PUR outer sheath
- halogen-free

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to IEC 60228 cl. 5
Core insulation:	Rubber compound
Core identification:	Acc. to DIN VDE 0293-308 up to 5 cores coloured; with GNYE from 3 cores
Stranding:	Stranded in layers
Outer sheath:	PUR
Sheath colour:	Orange
Rated voltage:	Uo/U: H05BQ-F: 300/500 V; H07BQ-F: 450/750 V
Testing voltage:	3 kV
Conductor resistance:	Acc. to IEC 60228 cl. 5
Insulation resistance:	Min. 20 MΩ x km
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guidelines
Min. bending radius fixed:	4 x d
Min. bending radius moved:	12,5 x d
Operat. temp. fixed min/max:	-50 °C / +90 °C
Operat. temp. moved min/max:	-40 °C / +80 °C
Halogen free:	Acc. to IEC 60754-1 and IEC 60754-2
Standard:	Standard EN 50525-2-21 / VDE 0285-525-2-21

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3500014	2 X 0,75	5,7 - 7,4	14,40	53,00	orange	V1: H05BQ-F
3500016	3 G 0,75	6,2 - 8,1	21,60	65,00	orange	V1: H05BQ-F
3500018	4 G 0,75	6,8 - 8,8	28,80	82,00	orange	V1: H05BQ-F
3500020	5 G 0,75	7,6 - 9,9	36,00	100,00	orange	V1: H05BQ-F
3500015	2 X 1	6,1 - 8,0	19,20	60,00	orange	V1: H05BQ-F
3500017	3 G 1	6,5 - 8,5	28,80	72,00	orange	V1: H05BQ-F
3500019	4 G 1	7,1 - 9,3	38,40	91,00	orange	V1: H05BQ-F
3500021	5 G 1	8,0 - 10,3	48,00	112,00	orange	V1: H05BQ-F
3500065	2 X 1,5	7,6 - 9,8	28,80	91,00	orange	V2: H07BQ-F

sales@prom-elec.com / ООО ПРОМЭЛЕКТРОНИКА

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3500066	3 G 1,5	8,0 - 10,4	43,20	110,00	orange	V2: H07BQ-F
3500068	4 G 1,5	9,0 - 11,6	57,60	143,00	orange	V2: H07BQ-F
3500072	5 G 1,5	9,8 - 12,7	72,00	170,00	orange	V2: H07BQ-F
3500249	2 X 2,5	9,0 - 11,6	48,00	101,00	orange	V2: H07BQ-F
3500067	3 G 2,5	9,6 - 12,4	72,00	160,00	orange	V2: H07BQ-F
3500069	4 G 2,5	10,7 - 13,8	96,00	200,00	orange	V2: H07BQ-F
3500073	5 G 2,5	11,9 - 15,3	120,00	260,00	orange	V2: H07BQ-F
3500995	2 X 4	10,6 - 13,7	76,80	154,00	orange	V2: H07BQ-F
3500252	3 G 4	11,3 - 14,5	115,00	264,00	orange	V2: H07BQ-F
3500070	4 G 4	12,7 - 16,2	154,00	277,00	orange	V2: H07BQ-F
3500074	5 G 4	14,1 - 17,9	192,00	345,00	orange	V2: H07BQ-F
3500996	2 X 6	11,8 - 15,1	115,00	232,00	orange	V2: H07BQ-F
3500253	3 G 6	12,8 - 16,3	173,00	346,00	orange	V2: H07BQ-F
3500071	4 G 6	14,2 - 18,1	230,00	414,00	orange	V2: H07BQ-F
3500075	5 G 6	15,7 - 20,0	288,00	518,00	orange	V2: H07BQ-F
3500997	2 X 10	15,6 - 19,9	192,00	343,00	orange	V2: H07BQ-F
3500998	3 G 10	16,8 - 21,4	288,00	500,00	orange	V2: H07BQ-F
3500421	4 G 10	18,6 - 23,6	384,00	691,00	orange	V2: H07BQ-F
3001062	5 G 10	20,4 - 25,9	480,00	864,00	orange	V2: H07BQ-F
3500999	2 X 16	17,9 - 22,8	307,00	554,00	orange	V2: H07BQ-F
3501000	3 G 16	19,5 - 24,7	461,00	830,00	orange	V2: H07BQ-F
3501001	4 G 16	21,3 - 27,0	614,00	1106,00	orange	V2: H07BQ-F
3500258	5 G 16	23,7 - 30,0	768,00	1382,00	orange	V2: H07BQ-F
3500076	7 G 1,5	11,5 - 15,1	101,00	206,00	orange	V3: (H)07BQ-F
3500246	12 G 1,5	15,0 - 18,4	173,00	386,00	orange	V3: (H)07BQ-F
3500077	7 G 2,5	13,5 - 18,4	168,00	318,00	orange	V3: (H)07BQ-F
3501160	4 G 25	25,0 - 32,6	960,00	1550,00	orange	V3: (H)07BQ-F
3501180	4 G 35	28,2 - 38,2	1344,00	1874,00	orange	V3: (H)07BQ-F
3501059	5 G 35	31,9 - 42,0	1680,00	2465,00	orange	V3: (H)07BQ-F
3500084	4 G 50	34,0 - 42,6	1920,00	2400,00	orange	V3: (H)07BQ-F
3501060	5 G 50	38,6 - 47,0	2400,00	3521,00	orange	V3: (H)07BQ-F
3501181	4 G 70	37,7 - 47,3	2688,00	3564,00	orange	V3: (H)07BQ-F
3501182	4 G 95	44,9 - 54,6	3648,00	4637,00	orange	V3: (H)07BQ-F
3501179	5 G 95	49,7 - 60,4	4560,00	6520,00	orange	V3: (H)07BQ-F