



<b>conductor material:</b>	bare copper
<b>conductor construction:</b>	fine stranded, class 5
<b>insulation:</b>	rubber (EPR) or similar
<b>sheathing material:</b>	polyurethane
<b>sheathing colour:</b>	orange
<b>flame retardant:</b>	no
<b>max. temperature at conductor:</b>	90°C
<b>max. operating temperature, moved:</b>	-40 up to +80°C
<b>core identification:</b>	colours acc. VDE 0293 (HD308 ) more than 5 cores: gn-ye + numbers
<b>protective conductor:</b>	yes
<b>nominal voltage:</b>	≤ 1qmm: 300/500 V H05BQ-F ≥ 1,5qmm: 450/750 V H07BQ-F
<b>test voltage:</b>	≤ 1qmm: 2000 V H05BQ-F ≥ 1,5qmm: 2500 V H07BQ-F
<b>bending radius fixed/moved:</b>	4 x D / 12,5 x D

**application:** These cables can be used for medium mechanical loads in dry, damp or wet environments, e.g. for connecting agricultural and commercial equipment and heaters provided there is no danger of contact with the hot parts or by radiation of heat. These robust and flexible cables are used for electrical tools such as drills and hand-held circular saws, as well as for portable motors and machinery in agriculture, at building sites, docks and refrigeration plants.

**resistance / features:**

<ul style="list-style-type: none"> <li>- signalling effect of outer sheath color</li> <li>- good humidity and weathering resistance</li> <li>- good reversed bending strength</li> <li>- good flexibility at low temperatures</li> </ul>	<ul style="list-style-type: none"> <li>- good cut and tear resistance</li> <li>- good abrasion resistance</li> <li>- for indoor and outdoor use</li> <li>- two versions: with and without inner filling</li> </ul>
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*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.*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	current rating capacity A free in air (+30°C)	Sheath color	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
3302075	H05BQ-F 2 x 0,75	6	orange	6,4	14,4	60
3302100	H05BQ-F 2 x 1	10	orange	7,0	19,2	70
3303075	H05BQ-F 3 G 0,75	6	orange	7,1	21,6	70
3303100	H05BQ-F 3 G 1	10	orange	7,4	28,8	80
3304100	H05BQ-F 4 G 1	10	orange	8,1	38,4	100
3305075	H05BQ-F 5 G 0,75	6	orange	8,5	36	105
3305100	H05BQ-F 5 G 1	10	orange	9,0	48	120
3302150	H07BQ-F 2 x 1,5	16	orange	8,4	28,8	97
3302250	H07BQ-F 2 x 2,5	20	orange	10,0	48	110
3303150	H07BQ-F 3 G 1,5	16	orange	8,9	43,2	120
3303250	H07BQ-F 3 G 2,5	20	orange	10,6	72	175
3303400	H07BQ-F 3 G 4	25	orange	12,9	115,2	225
3304150	H07BQ-F 4 G 1,5	18	orange	9,9	57,6	150
3304250	H07BQ-F 4 G 2,5	26	orange	11,8	96	230
3304400	H07BQ-F 4 G 4	34	orange	14,5	154	320
3304600	H07BQ-F 4 G 6	44	orange	16,2	230	495
3341000	H07BQ-F 4 G 10	61	orange	21,6	384	735
3341600	H07BQ-F 4 G 16	82	orange	24,2	614,4	1185
3342500	X07BQ-F 4 G 25	108	orange	29,2	960	1609
3343500	X07BQ-F 4 G 35	135	orange	32,4	1344	2107
3345000	X07BQ-F 4 G 50	168	orange	37,6	1920	2901
3347000	X07BQ-F 4 G 70	207	orange	42,4	2688	3876
3349500	X07BQ-F 4 G 95	250	orange	49,2	3648	5121
3305150	H07BQ-F 5 G 1,5	18	orange	10,8	72	180
3305250	H07BQ-F 5 G 2,5	26	orange	13,1	120	280
3305400	H07BQ-F 5 G 4	34	orange	16,0	192	420
3305600	H07BQ-F 5 G 6	44	orange	17,9	288	585
3351000	H07BQ-F 5 G 10	61	orange	23,2	480	970
3351600	H07BQ-F 5 G 16	82	orange	26,9	768	1475
3352500	X07BQ-F 5 G 25	108	orange	35,0	1200	2400
3353500	X07BQ-F 5 G 35	135	orange	39,0	1680	2500
3355000	X07BQ-F 5 G 50	168	orange	46,5	2400	3290
3357000	X07BQ-F 5 G 70	207	orange	53,0	3360	5556
3355950	X07BQ-F 5 G 95	250	orange	60,0	4560	7274
3307150	X07BQ-F 7 G 1,5	18	orange	12,8	101	231
3312150	X07BQ-F 12 G 1,5	18	orange	16,0	172,8	340
3303150SW	H07BQ-F 3 G 1,50	16	black	8,9	43,2	120