

WG-Datasheet

Insulated electric power line

Self-supporting Suspension Wire

YTBKW – J / O

Usage: Self-supporting Suspension Wire for laying at masts without instep or messenger wire. Mast distance up to 50 m.

**Mixtures are UV-stable and solid ozone,
possible so that laying also in the OPEN!
Mixtures are more elastic,
possible also for laying at low temperatures!**

Electric quality: nominal voltage U_0/U 300/500 V
test voltage 2000 V

Construction: conductor: copper, pure, single wire solid (re) or stranded (rm) DIN EN 60228
cross-section: 2- up to 5-wire; 1,5 mm² up to 16 mm² Cu or 4-wire 25mm² Al
core: synthetic, Traditional braided conductors is wrapped with filling compound
sheath: high molecular PE, color: black

Core identification: according to DIN VDE 0293 part 308 (2003:01) – HD308 S2
(look footer in norm above-mentioned)

Tender text: Self-supporting Suspension Wire YTBKW
producer: Brandenburger Kabelwerk GmbH
For self-supporting bracing associated with tension clamps type AKL up to 50 m.
Outer sheath out of high molecular weight polyethylene, low density with heightened
ozon- and UV-resistance.

Brandenburger Kabelwerk

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1	2	3	4		5	6	7
construction abbreviation	article-Nr. BKW	number of core / conductor cross-section	green-yellow core		outer diameter ca. mm	weight ca. kg/km	copper index
			with	without			
YTBKW - O	15105	2x2,5 re		X	8,9	110	48
YTBKW – O	15240	3x1,5 re		X	8,1	130	43
YTBKW – J	15260		X				
YTBKW – O	15305	3x2,5 re		X	9,2	180	72
YTBKW – J	15300		X				
YTBKW – O	15307	3x4 re		X	12,2	255	115
YTBKW – J	15306		X				
YTBKW – O	15116	3x6 re		X	15,2	383	173
YTBKW – J	15166		X				
YTBKW – O	15126	3x10 rm		X	21,3	585	288
YTBKW - J	15316		X				
YTBKW - J	15181	3x16 rm	X		24,3	904	461
YTBKW - J	15186	3x25 rm	X		25,0	1.475	720
YTBKW – O	15345	4x1,5 re		X	9,5	145	58
YTBKW – J	15340		X				
YTBKW – O	15360	4x2,5 re		X	11,1	210	96
YTBKW – J	15380		X				
YTBKW – O	15405	4x4 re		X	13,1	299	154
YTBKW – J	15400		X				
YTBKW – O	15425	4x6 re		X	18,2	532	230
YTBKW – J	15420		X				
YTBKW – O	15127	4x10 rm		X	21,0	870	384
YTBKW - J	15205		X				
YTBKW – O	15132	4x16 rm		X	24,0	1.231	614

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YTBKW - J	15206		X				
YTBKW - J	15187	4x25 rm	X		27,5	1.958	960
YTBKW – O	15391	5x1,5 re		X	10,8	170	72
YTBKW – J	15390		X				
YTBKW – O	15396	5x2,5 re		X	12,8	270	120
YTBKW – J	15395		X				
YTBKW – J	15163	5x4 re	X		17,0	455	192
YTBKW – J	15168	5x6 re	X		18,0	1.000	288
YTBKW - J	15178	5x10 rm	X		25,5	1.160	480
YTBKW - J	15183	5x16 rm	X		26,6	1.500	768
YTBKW – J	15470	7x1,5 re FStr	X		11,7	230	101
YTBKW – J	15097	4x25 rm AL	X		27,0	1.400	292

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