

WG-Datasheet

Insulated electric power line

Self-supporting Suspension Wire

YTBKW - J / O 1 kV

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 600/1000 V
test voltage 4000 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.



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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 – J	15301	3x2,5 re	X		12,2	240	72
YTBKW – J	15166	3x6,0 re	X		15,2	345	173
YTBKW – J	15317	3x10 rm	X		24,0	900	288



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