

Datasheet

Insulated electric power line Self-supporting Suspension Wire

YTBKW – J / O Smooth

Use: Self-supporting guy wire for installation on masts without tension or support cable at mast spacings up to 25 m.

The mixtures are UV-stable and ozone-resistant.

This makes installation possible even outdoors!

Mixtures are more elastic at lower temperatures,

This also makes installations possible at low temperatures!

Electric Characteristics: Nominal voltage U_0/U 300/500 V
Test voltage 2000 V

Construction: Conductor: Bare copper, single-wire (right) Class 1 according to DIN EN 60228
Conductor: Bare copper, finely stranded (rf) Class 5 according to DIN EN 60228
Cross-section: 3 to 5 cores; 1.5 mm² to 2.5 mm²
Veins: Plastic, traditionally basket-stranded, encased in a filling mixture
Sheath: high molecular weight PE, color: black
The plastic compound used by BKW is free of heavy metals and DOP.
(Compliance with the RoHS Directive) and ensures good cold flexibility. ®

Wire identification: According to DIN VDE 0293 Part 308 (2003:01) – HD308 S2
(see footnote in the above standard)

Tender text: Self-supporting guy wire YTBKW
Manufacturer: Brandenburger Kabelwerk GmbH
For self-supporting guying in conjunction with guying clamps type AKL up to 25 m.
Outer sheath made of high molecular weight low-density polyethylene with increased ozone and UV resistance.

Brandenburger Kabelwerk

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1	2	3	4		5	6	7
Design abbreviation	Article No. BKW	Number of wires / conductor cross-section	Green- yellow vein		outer diameter max. approx. mm	Weight approx. kg/km	Metal number
YTBKW – O Smooth YTBKW – J Smooth	15501 15500	3x1.5 re		X	9.2	130	43
YTBKW – O Smooth YTBKW – J Smooth	15507 15506	3x2.5 re		X	11.0	180	72
YTBKW – O Smooth YTBKW – J Smooth	15503 15502	4x1.5 re		X	9.4	145	58
YTBKW – O Smooth YTBKW – J Smooth	15509 15508	4x2.5 re		X	12.3	210	96
YTBKW – O Smooth YTBKW – J Smooth	15505 15504	5x1.5 re		X	11.9	170	72
YTBKW – O Smooth YTBKW – J Smooth	15511 15510	5x2.5 re		X	13.2	270	120
YTBKW – O Smooth YTBKW – J Smooth	15521 15520	3x1.5 rf		X	8.7	After production	43
YTBKW – O Smooth YTBKW – J Smooth	15527 15526	3x2.5 rf		X	10.1	After production	72
YTBKW – O Smooth YTBKW – J Smooth	15523 15522	4x1.5 rf		X	9.7	After production	58
YTBKW – O Smooth YTBKW – J Smooth	15529 15528	4x2.5 rf		X	14.0	250	96
YTBKW – O Smooth YTBKW – J Smooth	15525 15524	5x1.5 rf		X	10.7	After production	72
YTBKW – O Smooth YTBKW – J Smooth	15531 15530	5x2.5 rf		X	14.8	After production	120