

WG-Datasheet

Insulated electric power line

Self-supporting Suspension wire

YTBKW-J / O Flex

Use: Self-supporting Suspension Wire for laying at masts without instep or messenger wire. Mast distance up to 50 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 600/1000 V
Test voltage 4000 V

Construction: Conductor: Bare copper, finely stranded, 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 50 m.
Outer sheath made of high molecular weight low-density polyethylene with increased ozone and UV resistance.

Brandenburger Kabelwerk

WG-Datasheet

Insulated electric power line

Self-supporting Suspension wire

YTBKW-J / O Flex

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
			with	without			
YTBKW – O	15262	3x1.5 rf		X	8.7	After production	43
YTBKW – J	15261		X				
YTBKW – O	15303	3x2.5 rf		X	10.1	After production	72
YTBKW – J	15302		X				
YTBKW – O	15342	4x1.5 rf		X	9.7	After production	58
YTBKW – J	15341		X				
YTBKW – O	15382	4x2.5 rf		X	14.0	250	96
YTBKW – J	15381		X				
YTBKW – O	15393	5x1.5 rf		X	10.7	After production	72
YTBKW – J	15392		X				
YTBKW – O	15398	5x2.5 rf		X	14.8	After production	120
YTBKW – J	15397		X				

Brandenburger Kabelwerk