

## WG-Datasheet

Insulated electric power line  
Weatherproof Synthetic-Cable  
NFYW

Usage:	For the use outdoor, even in the hand area according to VDE 0211 and also at house connection cable.
Electric quality:	nominal voltage $U_0/U$ 600/1.000 V test voltage 2500 V
Construction:	Conductor: copper, blanc, single wire class 1 according to DIN EN 60228 copper or aluminum, blanc, multi-wired class 2 of DIN EN 60228 cross-section: 6 up to 35 mm <sup>2</sup> for Cu-conductor 25 up to 70 mm <sup>2</sup> for Al-conductor sheath: synthetic, color: black (BK), another color on request
Insulating cover:	Synthetic-mixture extruded into a layer on the conductor
Sheath:	The additional sheath is connected separable with the insulating cover.® The synthetic-mixture used by BKW is heavy metal- and DOP –free (compliance with the RL RoHS) and assures a significant higher flexibility in low temperature.
Non-flammability:	according to VDE 0482-332-1-2
Tender text:	weatherproof synthetic-cable NFYW producer: Brandenburger Kabelwerk GmbH Special cable for the use outdoor, in the hand area and also at house connection cable.

# Brandenburger Kabelwerk

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1	2	3	4	5	6	7	8
construction abbreviation	article-Nr.  BKW	color	conductor		outer diameter  [mm]	metal number  [kg/km]	weight  [kg/km]
			cross-section [mm <sup>2</sup> ]	kind			
NFYW Cu	15805	BK/BK	6	re	6,6	58	79
NFYW Cu	15820	BK/BK	10	re	7,2	96	130
NFYW Cu	15860	BK/BK	10	rm	8,0	96	158
NFYW Cu	15940	BK/BK	16	rm	8,7	154	220
NFYW Cu	15941	BK/BK	16	re	8,8	154	209
NFYW Cu	15980	BK/BK	25	rm	10,3	240	350
NFYW Cu	15990	BK/BK	35	rm	13,0	336	444
NFYW Al	16200	BK/BK	10	re	7,2	29	81
NFYW Al	16221	BK/BK	25	rm	10,3	73	170
NFYW Al	16261	BK/BK	35	rm	12,0	102	213
NFYW Al	16341	BK/BK	70	rm	15,9	203	350
NFYW Al	16342	GNYE/BK	70	rm	15,9	203	350

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