

## WG-Datasheet

Cable for fluorescent tube devices and fluorescent tube facilities

EN50143 (DIN VDE 0283 part 1): 2010

Type LY

Usage: Usage to fluorescent tube devices and fluorescent tube facilities with no-load voltage above 1 kV but under 5 kV.

**Mixture are UV – solid enhanced ozone resistance,  
and by association laying possible in FREE!  
Cold mixtures are elastic,  
and by association laying possible at low temperatures.**

Electric quality: nominal voltage  $U_0/U$  2500 / 5000 V  
test voltage 10000 V

Construction: conductor: copper, tinned, fine wire (rf) additional to requirements DIN EN 60228, class 5  
cross-section: 1,0 mm<sup>2</sup>  
insulating cover: synthetic-mixture extruded in a layer on the conductor  
color of the insulating cover: transparent  
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

Test: according to EN50143 table 7

Identification: BKW 2500 / 5000 V

Tender text: Fluorescent tube cable LY / YL (following EN50143-G-)  
producer: Brandenburger Kabelwerk GmbH  
High-tension line (Neon-Light Wire) for fluorescent tube devices and fluorescent tube facilities with no-load voltage above 1 kV but under 5 kV.

# Brandenburger Kabelwerk

1 article number	2 conductor cross-section mm <sup>2</sup>	3 outer diameter			6 metal number kg/km	7 standard length m	8 ca. weight kg/km	9 Standard color YE (yellow) others on enquiry
		min. mm	mezzo mm	max. mm				
13155	1,0	4,3	4,4	4,6	9,6	100 / 1000	30	WH
13156	1,0	2,9	3,0	3,1	9,6	100 / 1000	15	
13081	1,0	4,0	4,1	4,3	9,6	100 / 1000	30	