

WG-Datasheet

Cable for fluorescent tube devices and fluorescent tube facilities

Based on EN50143 (DIN VDE 0283 part 1): 2010

XYL / Type H / K

Usage: Usage to fluorescent tube devices and fluorescent tube facilities with no-load voltage above 1 kV but under 5 kV, by the Typ H not over 10 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 for Typ K and XYL
 U_0/U 5000 / 10000 V for Typ H
 test voltage Typ H 15000 V
 Typ K und XYL 7500V

Construction: conductor: copper, tinned, fine wire (rf) additional to requirements DIN EN 60228 class 5
 cross-section: 1,0 mm²

Insulating cover: PE with angry synthetic-cover
 color of the insulating cover: as a rules YE* (yellow), PE-wire nature color
 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.

Test: according to EN50143 table 9 without point 1.3

Non-flammability: according to VDE 0482-332.1-2

Identification: BKW EN50143-angel. 2500 / 5000 V

Tender text: Based on fluorescent tube cable EN50143-K-2500/5000 V
 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.

* Divergent colors on inquiry

1	2	3	4		5	6	7	8
article-Nr.	construction abbreviation	outer diameter	nominal voltage		metal number	VE	weight	
BKW		mm	U_0 V	U V	kg/km	m	kg/km	
13007	XYL	4,4	2500	5000	9,6	100/1000	27	
13053	construction - K -	4,4	2500	5000	9,6	100/1000	27	
13054	construction - H -	7,4	5000	10000	9,6	100/1000	56	