

WG-Datasheet

DEKO-Flex

Special cable

transparent insulated hose line



Usage: For the laying in / to lighting sources and installation tensioning cables and guy wires, on and under plaster as soon as suitable considering the weight of the lamp body as a feed line without additional support member.

**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 300/300 V
test voltage 2000 V

Construction: conductor: copper, tinned, fine wire class 5 of DIN EN 60228
cross-section: 2- up to 7-wire; 0,5 mm² up to 1,5 mm²
sheath: synthetic, color: crystal clear
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.

Core identification: according to DIN VDE 0293 part 308 (2003:01) – HD308 S2
the wires are marked with a suitable color line, to the total optics not to disturb and the user nevertheless to enable a safe allocation.

Non-flammability: according to VDE 0482-332-1-2

Tender text: special hose cable DEKO-Flex
producer: Brandenburger Kabelwerk GmbH
Special cable for street lighting for the laying in / to lighting sources and installation tensioning cables and guy wires with increased ozone and UV resistant.
Highly flexible connecting cable with high mechanical requirements.

Brandenburger Kabelwerk

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article Nr.:	designation DEKO-Flex	core number	conductor cross- section	yellow marked core, protective conductor	outer diameter (mm)		weight ca. kg/km	metal index
					min	max		
12557	3G0,5rfvz	3	0,5	X	4,9	6,3	35	14,4
12577	3G0,75rfvz	3	0,75	X	4,9	6,3	50	21,6
12597	3G1,0rfvz	3	1,0	X	5,6	7,3	106	29
12612	3G1,5rfvz	3	1,5	X	6,1	7,4	170	43
12582	5G0,75rfvz	5	0,75	X	7,4	9,3	90	36
12601	5G1,0rfvz	5	1,0	X	7,0	8,7	113	48
12617	5G1,5rfvz	5	1,5	X	9,3	10,1	160	72
12620	7G1,5rfvz	7	1,5	X	10,6	11,6	184	101



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