



- **color of exterior sheath: orange or pink**
(depending on cross section)
- withstands high mechanical loads, features abrasion resistance
- flexible
- oil- and acid-resistant
(oil resistance as per VDE 0472 T 803)
- silicone- and halogen-free
- high resistance to ageing (even when subject to continuous use)
- will not become brittle or hardened prematurely
- **infusible**

SPECIAL FEATURES:

- high mechanical strength
 - abrasion- and tear-resistant
 - strong resistance to chemicals
 - halogen-free
 - enhanced flexibility
 - **high resistance to ageing**
- in most fields of application, service life is extended significantly; in most cases no extra protective measures are needed - **COST SAVINGS**
 - low degree of exterior sheath damage
 - implementation even under challenging conditions: oils, grease, lyes, diverse chemical substances - **in certain cases a trial run may be advisable -**
 - additional safety in the case of fire
 - easy handling
 - will not become brittle or hardened prematurely; extended service life (even under continuous use) **COST SAVINGS**

– other models on request / subject to modification and errors –

Cross-Section in mm ²	Approx. Outside Diameter in mm	Approx. Weight in kg/km	Order No.
2 x 0.75	7.0	70.0	HBFL2075E
3 G 0.75	7.5	80.0	HBFL3075E
4 G 0.75	8.5	100.0	HBFL4075E
5 G 0.75	9.0	130.0	HBFL5075E
7 G 0.75	10.5	160.0	HBFL7075E
12 G 0.75	on request	on request	HBFL12075E
3 G 1.00	8.0	100.0	HBFL310E
2 x 1.50	8.0	90.0	HBFL215E
4 G 1.50	10.0	150.0	HBFL415E
7 G 1.50	13.0	240.0	HBFL715E
25 G 1.50	24.0	770.0	HBFL2515E
3 G 2.50	11.0	190.0	HBFL325E
4 G 2.50	12.0	230.0	HBFL425E
5 G 4.00	on request	on request	HBFL540E
5 G 6.00	17.0	530.0	HBFL560E
5 G 16.00	25.5	1,300.0	HBFL5160E

Presentation: 100 m rings or drum; delivery by arrangement

Inside wiring up to 5 leads, color-coded

> 5-lead numbering

TECHNICAL DATA:

Litz wire:	fine, tin-plated copper VDE 0295 class 5, IEC 60228 class 5, HD 383, lead insulation made of cross-linked polymer compound (HI 1)
Bending radius:	≥ 4d (fixed installation) ≥ 5d (flexible use) DIN VDE 0298 / T3
Temperature range:	-25°C to +135°C, 1-2 hrs.: +190°C, 2-3 min.: up to +600°C
Nominal voltage:	$U_0 / U / U_{max} = 300 / 500 / 550 \text{ V}$
Test voltage:	2,000 V AC
External sheath:	cross-linked polymer compound (VDE 0207/HM 1), oil-resistant (VDE 0472 T 803)
Halogen-free:	EN 50267-2-1 / EN 60684-2
Non-corrosive:	EN 50267-2-2
Ecologically sound:	EN 50305-9.2
Flame-retardant and self-extinguishing:	EN 60332-2-1

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