

HF Containerflex

Construction:

- Connector: Tinned flexible copper conductors acc. to IEC/EN 60228 class 5
- Insulation: XLPE type DIX 1 acc. to HD 603.S1
Thickness: acc. to IEC 60502-1 Colour code: acc. to HD 308 S2
- Inner covering: Extruded TPO compound (LSZH)
- Sheath: TPU-FR striated acc. to EN50363-10-2
Thickness acc. to EN 50525-2-21 table B.4 Colour: yellow

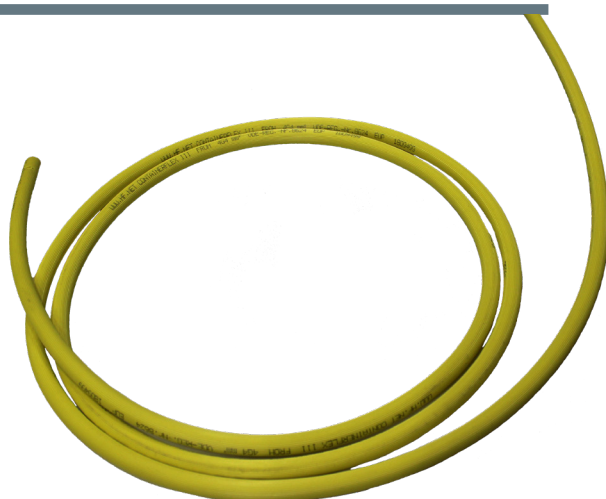


Table of dimensions

Number of cores & section	Nominal insulation thickness (mm)	nominal sheath thickness (mm)	Outer diameter (*) (mm)	Appr. cable weight (kg/km)	ITEM NO:
4 x 2,5 mm ²	0,7	1,2	11,1 - 12,5	195	6697000265
4 x 4 mm ²	0,7	1,3	12,5 - 14,0	255	6697000274
4 x 6 mm ²	0,7	1,5	14,2 - 16,0	355	6697000275

(*) in-line controlled with optical diameter control system.

General description		
Rated Voltage:	IEC 60502-1	0.6/1kV
High voltage test :	IEC 60502-1	5' / 3.500 V
Conductor temperature :	IEC 60502-1	max. 90°C
Short circuit temperature :	VDE 0289-4	max. 200°C
Cold flexible :	EN 60811-1-4	up to -40°C
Bending radius :	VDE 0289-300	min. 5 x cable outer diameter
Bending test :	EN 50396	30000
Water resistant :	EN 50396	AD7

Containerflex

Abrasion resistant:	acc to DIN ISO 4649
Tearing resistant:	acc to EN 50396
Overrun resistant:	acc. to factory standard (20 d = approx. 2000 trucks and forklifts)
Free suspension length:	max. admissible static tensile strength: 15 N/mm ² of copper cross section
UV resistant:	EN50289-4-17
Ozone resistant:	EN50363-2-1
Oil resistant:	acc. EN60811-2-1
Halogen free	acc. to IEC / EN 60754-2
Flame retardant:	acc. to IEC / EN 60332-1-2
LVD	2006/95/EC
REACH	1907/2006/EC
ROHS	2002/95/EC
VDE	reg.nr. 8624