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## SMH...E90, SMHC...E90 Heat shrinkable straight-through joint

for fire-resistant cables E90 according to DIN standard 4102 Section 12

For connecting security cables type (N)HXH and (N)HXCH, anywhere where they are required, for example, in power plants, chemical plants, public buildings, airports, tunnels, off-shore installations, fire alarm systems, stairwells, elevator shafts. Suitable for compression connectors.

### Characteristics

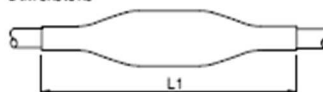
- Compact dimensions
- Resistant to chemical agents
- Resistant to alkaline earth elements
- Stabilized against UV rays
- Fire-resistant (see tests)
- Free from paint-wetting inhibiting substances
- Halogen-free
- Transversely waterproof
- High electrical insulating values
- Low smoke and gas emission

### Application/Suitability

- Indoor
- Outdoor
- Underground
- Installation ducts
- Ductwork
- Voltage level**
- $U_0/U_n$  (U<sub>n</sub>) 0.6/1 (1.2) kV
- Test standards**
- DIN VDE 0472 Section 814 (FE180)
- DIN 4102 Section 12, November 1998 (E90)
- IEC 60331-60332
- Storage conditions /Shelf life**
- Unlimited shelf life



Dimensions



### Scope of delivery

Inner sleeves, insulating tubes, outer sleeve, cleaning tissue, emery cloth, assembly instructions

Optional accessory: Compression connectors (see Connecting technology)

Type	L1 mm	Polymeric cable			Art.-No.
		unarmoured		with concentric conductor	
		4x	5x	4x	
		Nominal cross section per conductor mm <sup>2</sup>			
SMH4	1.5-4 E90	350	1.5 - 4		145653
	6-10 E90	380	6 - 10		145655
	16-25 E90	470	16 - 25		145656
	35-50 E90	500	35 - 50		145657
	70-95 E90	600	70 - 95		145659
	120-150 E90	600	120 - 150		145660
	185-240 E90	750	185 - 240		145661
SMHS	1.5-4 E90	350	1.5 - 4		145680
	6-10 E90	380	6 - 10		145681
	16-25 E90	470	16 - 25		145682
SMHC4	1.5-4 E90	350		1.5/1.5 - 4/4	145665
	6-10 E90	380		6/6 - 10/10	145666
	16-25 E90	470		16/16 - 25/16	145667
	35-50 E90	500		35/16 - 50/25	145668
	70-95 E90	600		70/35 - 95/50	145669
	120-150 E90	600		120/70 - 150/70	145670
	185-240 E90	750		185/95 - 240/120	145671