

## Koflex Ethernet Fire Resistant FE90 und FE180

### Cat. 7 und 7A

#### Technische Daten

Normen	IEC 60754-2, EN520567-2-2 IEC 60332-1-2, IEC 60332-3-22/24 Cat. A/C EN50266-2-2/4 Cat. A/C IEC 61034-1/-2, EN61034-1/2 IEC 60331-23/21 (90 min.)
Impedanz	100Ω +/-5% @ 100MHz
Schleifenwiderstand	≤ 145Ω/km
Temperaturbereich	-30 °C bis +65 °C
Mindestbiegeradius	Leitungsdurchmesser x 8
Approbation	GL / DNV
Leitermaterial	E-Kupferlitze blank
Isolation	FR-LSZH / XL-HFFR



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Standards	IEC 60754-2, EN 520567-2-2 IEC 60332-1-2 IEC 60332-3-22/24 Cat. A/C EN 50266-2-2/4 Cat. A/C IEC 61034-1/-2, EN 61034-1/2 IEC 60331-23/21 (90 min.)
impedance	100Ω +/-5% @ 100MHz
loop resistant	≤ 145Ω/km
temperature range	-30°C to +65°C
min. bending radius	cable diameter x 8
approval	GL / DNV
conductor	bare E-copper, stranded wires
insulation	FR-LSZH / XL-HFFR



Art.nr part-no	Aderzahl / Querschnitt number of cores / cross section	Aussen—Ø mm outer Ø mm	Gewicht kg/100m weight kg/100m	Kupferzahl kg/100m copper index kg/100m
<b>Cat.7 S/FTP</b>				
D45054223	(4x2xAWG23/1)	8.5	8.4	3.2
<b>Cat.7 S/FTP stranded conductors <b>FE180</b> / Litzenaufbau <b>FE180</b></b>				
D45014223	(4x2xAWG23/7)	9.1	9.5	3.6
<b>Cat. 7 S/FTP mud resistant NEK TS 606</b>				
D4506223	(4x2xAWG23/1)	8.5	8.4	3.2
<b>Cat. 7 S/FTP stranded conductors - steel braiding armouring / Litzenaufbau - Armierung: Stahldrahtgeflecht</b>				
D45044223	(4x2xAWG23/7)	8.0	8.5	3.6
<b>Cat. 7A S/FTP</b>				
D44554223	(4x2xAWG23/1)	8.2	8.5	3.4