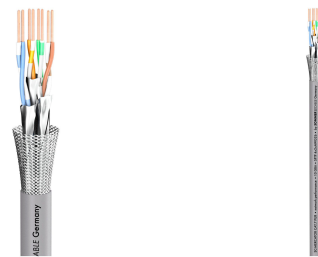


## Cat.7 SC-Mercator CAT.7; FRNC; grey, Ø 6,50 mm

Art. No.: 580-0306F

**DIGITAL** **FRNC** **HALOGEN-FREE** **OFC**



### General Data

Article number :	580-0306F
Name :	SC-Mercator CAT.7
EAN :	4049371002530
Properties :	Halogen-free / LSZH
Properties :	FRNC flame retardant
Properties :	OFC oxygen free copper
Properties :	Digital 110 Ω AES / EBU
Application area :	Studio / Broadcast
Application area :	Installation
Application :	Cat.7
Colour :	grey
Colour detailed :	grey
BPVo-Euroclass :	Fca

### Technical Data

Construction :	J02YSCH 4x2x0,14mm <sup>2</sup>
Construction (network) :	J02YSCH 4x2x0,14mm <sup>2</sup>
Jacket material :	FRNC
Jacket Ø [mm] :	6,50
Number of Channels (network) :	1
Inner conductor (network) :	8
AWG (network) :	26
Shielding :	AL / PT-foil +Copper braiding
Shielding (network) :	Copper braiding + AL / PT foil
Shielding factor [%] :	100
Copper strands (network) :	7
Copper strand Ø (network) [mm] :	0,16
Conductor insulation material :	Foam / Skin-PE
Weight per 1 m [g] :	38,6
Fire load per m [kWh] :	0,15
Style variant :	round
Packing :	100 m spool
Packing :	500 m spool
CAT-Type :	CAT.7
Max. section length [m] :	70
Temperature min. [°C] :	-20
Temperature max. [°C] :	70
Width [mm] :	6,5
Height [mm] :	6,5

### Electrical Data

Capacity wire/wire at 1m (network) [pF] :	43
Impedance [Ω] :	100

Loop resistance per km [Ω] :

290

Max. delay (skew) :

20 ns @ 100 MHz