

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

## Art. No.: 581-0076



### General Data

Article number :	581-0076
Name :	SC-Mercator CAT.7 PUR
EAN :	4049371005487
Properties :	Halogen-free / LSZH
Properties :	FRNC flame retardant
Properties :	PUR
Properties :	OFC oxygen free copper
Properties :	Digital 110 Ω AES / EBU
Application area :	Mobile outdoor / indoor
Application area :	Studio / Broadcast
Application area :	Installation
Application :	Cat.7
Colour :	grey
BPVo-Euroclass :	Fca

Capacity wire/wire at 1m (network) [pF] :	45
Impedance [Ω] :	100
Insulation resist. per 1 km [GΩ] :	2
Insulation resist. per 1 km (network) [GΩ] :	2
Loop resistance per km [Ω] :	290
Max. delay (skew) :	10 ns @ 100 MHz/100 m

### Technical Data

Construction :	SFTP 4x2x0,14 mm <sup>2</sup> /600 MHz
Construction (network) :	SFTP 4x2x0,14mm <sup>2</sup> / 600 MHz
Jacket material :	PUR
Jacket Ø [mm] :	6,50
Number of Channels (network) :	1
Inner conductor (network) :	8
Inner conductor (network) [mm <sup>2</sup> ] :	0,14
AWG (network) :	26
Shielding :	PimF, Copper braiding tin-plated
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] :	40
Fire load per m [kWh] :	0,19
Style variant :	round
Packing :	100 m spool
Packing :	500 m spool
CAT-Type :	CAT.7
Velocity factor :	0,75
Temperature min. [°C] :	-20
Temperature max. [°C] :	60
Width [mm] :	6,5
[mm] :	6,5

### Electrical Data