

## Cat.6a SC-MERCATOR CAT.6a highflex; PVC; black, Ø 6,20 mm Art. No.: 580-0401

OFC



### General Data

Article number :	580-0401
Name :	SC-MERCATOR CAT.6a highflex
EAN :	4049371446723
Properties :	Strong PVC-jacket
Properties :	OFC oxygen free copper
Properties :	Digital 110 Ω AES / EBU
Application area :	Studio / Broadcast
Application area :	Mobile outdoor / indoor
Application area :	Installation
Application area :	Stage / live
Application :	Cat.6a
Colour :	black

### Technical Data

Construction :	S/FTP 4x2x0,123mm <sup>2</sup>
Construction (network) :	S/FTP 4x2x0,123mm <sup>2</sup>
Jacket material :	PVC
Jacket Ø [mm] :	6.20
Jacket Ø (network) [mm] :	6,20
Number of Channels (network) :	1
Inner conductor (network) :	8
Inner conductor (network) [mm <sup>2</sup> ] :	0,12
AWG (network) :	26
Shielding :	AL / PT foil per pair + total braiding Alu-Magnesium 65 %
Shielding factor [%] :	65
Conductor insulation material :	Foam / Skin-PE
Conductor insulation Ø (network) [mm] :	0,96
Weight per 1 m [g] :	32.66
UV-resistant :	yes
Style variant :	round
Packing :	500 m spool
CAT-Type :	CAT.6a
Temperature min. [°C] :	-15
Temperature max. [°C] :	60
Width [mm] :	6,2
Height [mm] :	6,2

### Electrical Data

Capacity wire/wire at 1m (network) [pF] :	116
Impedance [Ω] :	100
Insulation resist. per 1 km [GΩ] :	0,5
Insulation resist. per 1 km (network) [GΩ] :	0,5

Conductor resistance per 1 km [Ω] :	139
Max. delay (skew) :	45ns @100MHz/100m