

## SC-Monocat 121C; power: 5 x 2,50 mm<sup>2</sup>x CAT.7; DMX: 2 x 0,14 mm<sup>2</sup>; PVC, flame- retardant Ø 17,30 mm; black

Art. No.: 500-0131-1

**ANALOG** **DIGITAL** **OFC**

### General Data

Article number :	500-0131-1
Name :	SC-Monocat 121C
EAN :	4049371416023
Brand :	Sommer cable
Properties :	OFC oxygen free copper
Properties :	Digital 110 Ω AES / EBU
Properties :	Analog
Application area :	Studio / Broadcast
Application area :	Mobile outdoor / indoor
Application area :	Installation
Application area :	Stage / live
Application :	hybrid cable
Colour :	black
Colour detailed :	black
Old article number :	999-0001-453

### Technical Data

Construction (power) :	5 x 2,50mm <sup>2</sup>
Construction (AES/EBU, DMX) :	01(2LI2Y0,14mm <sup>2</sup> )DY
Construction (network) :	SFTP 4x2x0,14mm <sup>2</sup>
Jacket material :	PVC, flame-retardant
Jacket material (AES/EBU, DMX) :	PVC, flame-retardant
Jacket material (network) :	PVC, flame-retardant
Jacket Ø [mm] :	17,30
Jacket Ø (AES/EBU, DMX) [mm] :	3,50
Jacket Ø (network) [mm] :	6,40
Inner conductor (power) :	5
Inner conductor (AES/EBU, DMX) :	2
Inner conductor (network) :	8
Inner conductor (power) [mm <sup>2</sup> ] :	2,50
Inner conductor (AES/EBU, DMX) [mm <sup>2</sup> ] :	0,14
Inner conductor (network) [mm <sup>2</sup> ] :	0,14
AWG (power) :	13
AWG (AES/EBU, DMX) :	26
AWG (network) :	0
Shielding (AES/EBU, DMX) :	Copper spiral, tin-plated
Shielding (network) :	AL / PT-foil + Copper braiding tin-plated
Copper strands (network) :	7
Copper strand Ø (network) [mm] :	0,16
Wire insulation material (power) :	PP
Conductor insulation material (AES/EBU, DMX) :	Foam/Skin-PE
Conductor insulation material (network) :	Foam / Skin-PE



Conductor insulation Ø (power) [mm] :	3,50
Conductor insulation Ø (AES/EBU, DMX) [mm] :	1,15
Conductor insulation Ø (network) [mm] :	1,05
Weight per 1 m [g] :	390
UV-resistant :	yes
Style variant :	round
Packing :	bulk stock
CAT-Type :	CAT.7
Temperature min. [°C] :	-25
Temperature max. [°C] :	70
Width [mm] :	17,3
Height [mm] :	17,3

### Electrical Data

Capac. cond./cond. per 1 m (AES/EBU, DMX) [pF] :	53
Capacity wire/wire at 1m (network) [pF] :	44
Capac. cond./shield. per 1 m (AES/EBU, DMX) [pF] :	93
Surge impedance (AES/EBU, DMX) [Ω] :	110
Impedance (network) [Ω] :	100
Insulation resist. per 1km (power) [GΩ] :	5
Insulation resist. per 1 km (AES/EBU, DMX) [GΩ] :	1
Insulation resist. per 1 km (network) [GΩ] :	5
Conductor resistance per 1 km (power) [Ω] :	7,98
Conductor resistance per 1 km (AES/EBU, DMX) [Ω] :	135
Conductor resistance per 1 km (network) [Ω] :	143
Test voltage [V] :	2500
Operating voltage (power) [V] :	700