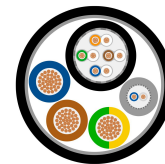


# SC-Monocat 111C Ed.2; power: 3 x 2,50 mm<sup>2</sup>x CAT.7; DMX: 2 x 0,14 mm<sup>2</sup>; PVC Ø 14,50 mm; black

Art. No.: 502-0141-1

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



## General Data

Article number :	502-0141-1
Name :	SC-Monocat 111C Ed.2
EAN :	4049371448567
Properties :	Digital 110 Ω AES / EBU
Properties :	OFC oxygen free copper
Properties :	Analog
Application area :	Installation
Application area :	Studio / Broadcast
Application area :	Mobile outdoor / indoor
Application area :	Stage / live
Application :	hybrid cable
Colour :	black
BPVo-Euroclass :	Fca

## Technical Data

Construction :	[3LIY3x2,5mm <sup>2</sup> +1x(4x(2LI2Yx0,14mm <sup>2</sup> ))(ST)CY+1x(2LI2Y0,14mm <sup>2</sup> )DY]Y
Construction (power) :	3 x 2,50 mm <sup>2</sup>
Construction (AES/EBU, DMX) :	01(2LI2Y0,14mm <sup>2</sup> )DY
Construction (network) :	1x(4x(2LI2Yx0,14mm <sup>2</sup> ))(ST)CY
Jacket material :	PVC
Jacket Ø [mm] :	14.50
Jacket Ø (AES/EBU, DMX) [mm] :	3,50
Jacket Ø (network) [mm] :	6,40
Inner conductor (power) :	3
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 (network) :	26
Shielding (AES/EBU, DMX) :	Copper spiral, tin-plated
Shielding (network) :	AL / PT-foil + 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] :	260
UV-resistant :	yes
Fire load per m [kWh] :	1,2
Style variant :	round
Packing :	bulk stock

CAT-Type : CAT.7

Max. section length [m] :	100
Temperature min. [°C] :	-25
Temperature max. [°C] :	70
Width [mm] :	14,5
Height [mm] :	14,5

## 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
Test voltage [V] :	2000
Nominal voltage (power) [V] :	500
Operating voltage (power) [V] :	300