

## SC-Monocat Power 414; power: 3 x 2.50 mm<sup>2</sup>; 4 x CAT.7; DMX: 4 x 2 x 0.25 mm<sup>2</sup>; PVC Ø 27,00 mm; black

Art. No.: **500-0191-4**

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



### General Data

Article number :	500-0191-4
Name :	SC-Monocat Power 414
EAN :	4049371166379
Properties :	Analog
Properties :	OFC oxygen free copper
Properties :	Digital 110 Ω AES / EBU
Application area :	Stage / live
Application area :	Mobile outdoor / indoor
Application area :	Studio / Broadcast
Application area :	Installation
Application :	hybrid cable
Colour :	black
BPVo-Euroclass :	Fca

### Technical Data

Signal transmission :	symmetrical
Construction :	[(3LIY3x2,5mm <sup>2</sup> )Y+4x(4x(2x0,51mm))(ST)CY+4x(2x(2LI2YS0,25mm <sup>2</sup> ST))CY]Y
Construction (power) :	(3LIY3x2,5mm <sup>2</sup> )Y
Construction (AES/EBU, DMX) :	4x(2x(2LI2YS0,25mm <sup>2</sup> ST))
Construction (network) :	4x(4x(2x0,51mm))(ST)CY
Jacket material :	PVC
Jacket Ø [mm] :	27,00
Number of Channels (power) :	1
Number of Channels (AES/EBU, DMX) :	4
Number of Channels (network) :	4
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> ] :	0,25
Inner conductor Ø (network) [mm] :	0,51
AWG (AES/EBU, DMX) :	23
Shielding (AES/EBU, DMX) :	Copper braiding tin-plated
Shielding (network) :	AL / PT-foil + Copper braiding tin-plated
Shielding factor [%] :	100
Conductor insulation material :	Foam / Skin-PE
Weight per 1 m [g] :	850
UV-resistant :	yes
Fire load per m [kWh] :	3,25
Style variant :	round
Packing :	bulk stock

CAT-Type : CAT.7

Max. section length [m] :	110
Temperature min. [°C] :	-20
Temperature max. [°C] :	75
Width [mm] :	27
Height [mm] :	27

### Electrical Data

Capacity wire/wire at 1m (network) [pF] :	44
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