

# SC-Monolith 4 HV; power: 3 x 2,50 mm<sup>2</sup>; DMX: 2 x 0,22 mm<sup>2</sup>; PVC Ø 18,00 mm; black

Art. No.: 500-0281-4

ANALOG

DIGITAL

OFC



## General Data

Article number :	500-0281-4
Name :	SC-Monolith 4 HV
EAN :	4049371005425
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 :	DMX & Power
Colour :	black
BPVo-Euroclass :	Fca

## Technical Data

Signal transmission :	symmetrical
Construction :	[(3LIY2,5mm <sup>2</sup> )Y+ 02(2LI2Y0,22mm <sup>2</sup> )CY]VLY
Construction (power) :	(3LIY2,5mm <sup>2</sup> )Y
Construction (AES/EBU, DMX) :	
Jacket material :	PVC
Jacket Ø [mm] :	18,00
Jacket Ø (power) [mm] :	8,30
Jacket Ø (AES/EBU, DMX) [mm] :	4,30
Number of Channels (power) :	1
Number of Channels (AES/EBU, DMX) :	4
Inner conductor (power) :	3
Inner conductor (AES/EBU, DMX) :	2
Inner conductor (power) [mm <sup>2</sup> ] :	2,50
Inner conductor (AES/EBU, DMX) [mm <sup>2</sup> ] :	0,22
Inner conductor Ø (power) [mm] :	1,78
Inner conductor Ø (AES/EBU, DMX) [mm] :	0,56
AWG (power) :	13
Shielding (AES/EBU, DMX) :	Braided mesh, tin-plated
Shielding factor [%] :	85
Copper strands (power) :	80
Copper strands (AES/EBU, DMX) :	7
Copper strand Ø (power) [mm] :	0,25
Copper strand Ø (AES/EBU, DMX) [mm] :	0,20
Wire insulation material (power) :	PVC
Conductor insulation Ø [mm] :	0,00
Weight per 1 m [g] :	376
UV-resistant :	yes

Fire load per m [kWh] :	1,24
Style variant :	round
Packing :	bulk stock
Temperature min. [°C] :	-30
Temperature max. [°C] :	80
Width [mm] :	18
Height [mm] :	18

## Electrical Data

Capac. cond./cond. per 1 m (AES/EBU, DMX) [pF] :	52
Capac. cond./shield. per 1 m (AES/EBU, DMX) [pF] :	89
Impedance [Ω] :	0
Surge impedance (AES/EBU, DMX) [Ω] :	110
Insulation resist. per 1 km [GΩ] :	0
Insulation resist. per 1 km (AES/EBU, DMX) [GΩ] :	0,1
Conductor resistance per 1 km [Ω] :	0
Conductor resistance per 1 km (power) [Ω] :	80