

SC-Monolith 8 HV; power: 3 x 2,50 mm²; DMX: 2 x 0,14 mm²; PVC Ø 17,40 mm; black Art. No.: 500-0281-8

ANALOG

DIGITAL

OFC



General Data

Article number :	500-0281-8
Name :	SC-Monolith 8 HV
EAN :	4049371051002
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
Colour detailed :	black
BPVo-Euroclass :	Fca

Technical Data

Signal transmission :	symmetrical
Construction :	[(3LIY2,5mm ²)Y+ 8(2LIY0,14mm ²)DY]VLY
Construction (power) :	(3LIY2,5mm ²)Y
Construction (AES/EBU, DMX) :	8(2LIY0,14mm ²)DY
Jacket material :	PVC
Jacket Ø [mm] :	17,40
Jacket Ø (power) [mm] :	8,30
Jacket Ø (AES/EBU, DMX) [mm] :	3,00
Number of Channels (power) :	1
Number of Channels (AES/EBU, DMX) :	8
Inner conductor (power) :	3
Inner conductor (AES/EBU, DMX) :	2
Inner conductor (power) [mm ²] :	2,50
Inner conductor (AES/EBU, DMX) [mm ²] :	0,14
Inner conductor Ø (power) [mm] :	1,78
Inner conductor Ø (AES/EBU, DMX) [mm] :	0,42
AWG (power) :	13
AWG (AES/EBU, DMX) :	25
Shielding (AES/EBU, DMX) :	Copper spiral, tin-plated
Shielding factor [%] :	90
Copper strands (power) :	28
Copper strands (AES/EBU, DMX) :	36
Copper strand Ø (power) [mm] :	0,25
Copper strand Ø (AES/EBU, DMX) [mm] :	0,07
Conductor insulation Ø [mm] :	0,00
Weight per 1 m [g] :	390

UV-resistant :	yes
Fire load per m [kWh] :	1,38
Style variant :	round
Packing :	bulk stock
Temperature min. [°C] :	-30
Temperature max. [°C] :	70
Width [mm] :	17,4
Height [mm] :	17,4

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