

SC-AQUA MARINEX POWER + DMX; power: 3 x 2.50 mm²; DMX: 2 x 0.22 mm²; PUR-SR Ø 16,00 mm; black

Art. No.: **500-0281AQ**

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

General Data

Article number :	500-0281AQ
Name :	SC-AQUA MARINEX POWER + DMX
EAN :	4049371507844
Properties :	Underwater / submerged
Properties :	OFC oxygen free copper
Properties :	Analog
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
Jacket material :	PUR-SR
Jacket Ø [mm] :	16,00
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) :	2
Inner conductor (power) :	3
Inner conductor (AES/EBU, DMX) :	2
Inner conductor (power) [mm ²] :	2.50
Inner conductor (AES/EBU, DMX) [mm ²] :	0.22
Inner conductor Ø (power) [mm] :	1,78
Inner conductor Ø (AES/EBU, DMX) [mm] :	0.56
AWG (power) :	13
AWG (AES/EBU, DMX) :	23
Shielding (AES/EBU, DMX) :	AL/PT foil + Cu braid, tinned
Shielding factor [%] :	100
Copper strands (power) :	48
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 material (AES/EBU, DMX) :	Foam/Skin-PE
Conductor insulation Ø (power) [mm] :	3.20
Conductor insulation Ø (AES/EBU, DMX) [mm] :	1.50



Weight per 1 m [g] :	304.65
UV-resistant :	yes
Style variant :	round
Packing :	bulk stock
Temperature min. [°C] :	-30
Temperature max. [°C] :	80
Max. water depth [m] :	20
Max. water pressure [bar] :	2
Width [mm] :	16
Height [mm] :	16

Electrical Data

Capac. cond./cond. per 1 m (AES/EBU, DMX) [pF] :	45
Capac. cond./shield. per 1 m (AES/EBU, DMX) [pF] :	80
Impedance [Ω] :	0
Surge impedance (AES/EBU, DMX) [Ω] :	110
Insulation resist. per 1 km [GΩ] :	0
Insulation resist. per 1km (power) [GΩ] :	0.15
Insulation resist. per 1 km (AES/EBU, DMX) [GΩ] :	1
Conductor resistance per 1 km [Ω] :	0
Conductor resistance per 1 km (power) [Ω] :	7.98
Conductor resistance per 1 km (AES/EBU, DMX) [Ω] :	89
Test voltage [V] :	2500
Operating voltage (power) [V] :	500