

Name	SC-Mercator CAT.7
Properties	Halogen-free / LSZH
Properties	Digital 110 Ω AES / EBU
Properties	OFC oxygen free copper
Properties	FRNC flame retardant
Application area	Installation
Application area	Studio / Broadcast
Application	DMX & Power
Colour	grey
Colour detailed	grey
Construction	J02YSCH 4x2x0,14mm ²
Construction (network)	J02YSCH 4x2x0,14mm ²
Jacket material	FRNC
Jacket Ø [mm]	6,50
Number of Channels (network)	1
Inner conductor (network)	8
AWG (network)	26
Shielding	AL / PT-foil +Copper braiding
Shielding (network)	Copper braiding + AL / PT foil
Copper strands (network)	7
Copper strand Ø (network) [mm]	0,16
Conductor insulation material	Foam / Skin-PE
Weight per 1 m [g]	38,6
Fire load per m [kWh]	0,15
Style variant	round
Shielding factor [%]	100
Packing	100 m spool
Packing	500 m spool
CAT-Type	CAT.7
Max. section length [m]	70
Temperature min. [°C]	-20
Temperature max. [°C]	70
Width [mm]	6,5
Height [mm]	6,5
Capacity wire/wire at 1m (network) [pF]	43
Capacity wire/wire at 1 ft. (network) [pF]	13,1064
Impedance [Ω]	100
Loop resistance per km [Ω]	290
Loop resistance per 1000 ft. [Ω]	88,392
Max. delay (skew)	20 ns @ 100 MHz
EAN	4049371002530