

<b>Name</b>	SC-Mistral MCF12
<b>Construction</b>	[12(2LI2Y0,22mm <sup>2</sup> )(ST)Y]F(ST)Y
<b>Jacket Ø [mm]</b>	17,60
<b>Number of Channels (audio)</b>	12
<b>Weight per 1 m [g]</b>	338
<b>Fire load per m [kWh]</b>	1,78
<b>Width [mm]</b>	17,6
<b>Height [mm]</b>	17,6
<b>EAN</b>	4049371000734
<b>Name</b>	SC-Mistral MCF
<b>Properties</b>	Analog
<b>Properties</b>	Digital 110 Ω AES / EBU
<b>Properties</b>	OFC oxygen free copper
<b>Application area</b>	Mobile outdoor / indoor
<b>Application area</b>	Installation
<b>Application area</b>	Studio / Broadcast
<b>Application</b>	Multipair
<b>Colour</b>	black
<b>Colour detailed</b>	black, mat
<b>Signal transmission</b>	symmetrical
<b>Jacket material</b>	S-PVC
<b>Inner conductor (audio)</b>	2
<b>Inner conductor (audio) [mm<sup>2</sup>]</b>	0,22
<b>Inner conductor Ø (audio) [mm]</b>	0,53
<b>AWG (audio)</b>	24
<b>Shielding</b>	AL / PT foil + total foil shielding + filler strand
<b>Copper strands (audio)</b>	7
<b>Copper strand Ø (audio) [mm]</b>	0,20
<b>Conductor insulation material</b>	Foam / Skin-PE
<b>Conductor insulation Ø [mm]</b>	1,60
<b>UV-resistant</b>	yes
<b>Style variant</b>	round
<b>Shielding factor [%]</b>	100
<b>Packing</b>	bulk stock
<b>Temperature min. [°C]</b>	-30
<b>Temperature max. [°C]</b>	70
<b>Capac. cond./cond. per 1 m (audio) [pF]</b>	46

<b>Capacity wire/wire at 1 ft. (audio) [pF]</b>	14,0208
<b>Capac. cond./shield. per 1 m (audio) [pF]</b>	85
<b>Capacity wire/electic screen at 1 ft. (audio) [pF]</b>	25,908
<b>Impedance [<math>\Omega</math>]</b>	110
<b>Insulation resist. per 1 km [<math>G\Omega</math>]</b>	1
<b>Insulation resist. per 1000 feet [<math>G\Omega</math>]</b>	0,3048
<b>Insulation resist. per 1 km (audio) [<math>G\Omega</math>]</b>	1
<b>Insulation resist. per 1000 feet (audio) [<math>G\Omega</math>]</b>	0,3048
<b>Conductor resistance per 1 km [<math>\Omega</math>]</b>	80
<b>Conductor resistance per 1000 ft. [<math>\Omega</math>]</b>	24,384
<b>Shield. resistance per 1 km [<math>\Omega</math>]</b>	75
<b>Shield. resistance per 1000 ft. [<math>\Omega</math>]</b>	22,86

#### **SC-Mistral MCF12**

##### Advantages:

- Additional insulation for each wire pair with a numbered and colour-coded PVC sleeve
- Very flexible and tread-resistant owing to the use of a rubberlike jacket material
- Simple and fast handling due to the use of compound foil and a pre-twisted drain wire
- High bending cycles due to the tightly stranded Cu litz wires
- Returns on the cable splice are instantly recognisable by the colour coding on the conductor pairs
- High transmission quality even with excess distances (low capacitance!)
- Affordable price

##### Application:

- Ideal for studio installation and permanent installation
- Fixed installation in theatres, public buildings etc.
- Construction of dependable cable reel systems

##### Technical Data:

- Properties: OFC oxygen free copper
- Properties: Analog
- Properties: Digital 110  $\Omega$  AES / EBU
- Application area: Mobile outdoor / indoor
- Application area: Studio / Broadcast
- Application area: Installation
- Application: Multipair
- Colour: black
- Colour detailed: black, mat
- Signal transmission: symmetrical
- Jacket material: S-PVC
- Shielding: AL / PT foil + total foil shielding + filler strand
- Conductor insulation material: Foam / Skin-PE
- UV-resistant: yes
- Style variant: round
- Packing: bulk stock