

**NETWORK, DMX & POWER COMBI-CABLE**

TWISTED PAIR (SF/UTP) + DMX + POWER

**SC-MONOCAT (POWER)**

STAGE  MOBILE  STUDIO  INSTALL

ANALOG  DIGITAL  FRNC  HALOGEN-FREE  PUR  OFC

*Cable abuse without punishment...*

This combi line contains up to eight CAT.6 cables plus an insulated power cable. The **SC-MONOCAT POWER 212** (available with either a PVC jacket) has two CAT and two microphone or DMX lines integrated besides the power cable, whereas the **SC-MONOCAT 414** has four CAT and DMX lines.

The **SC-MONOCAT POWER** series is suitable for permanent installation and mobile applications.

The **SC-MONOCAT 202** with two CAT and DMX lines, but no power line, and the compact **SC-MONOCAT 110C**, which contains one CAT and one power line, are available as of now.

The **SC-MONOCAT POWER** Series is equally suitable for permanent installations and mobile applications.

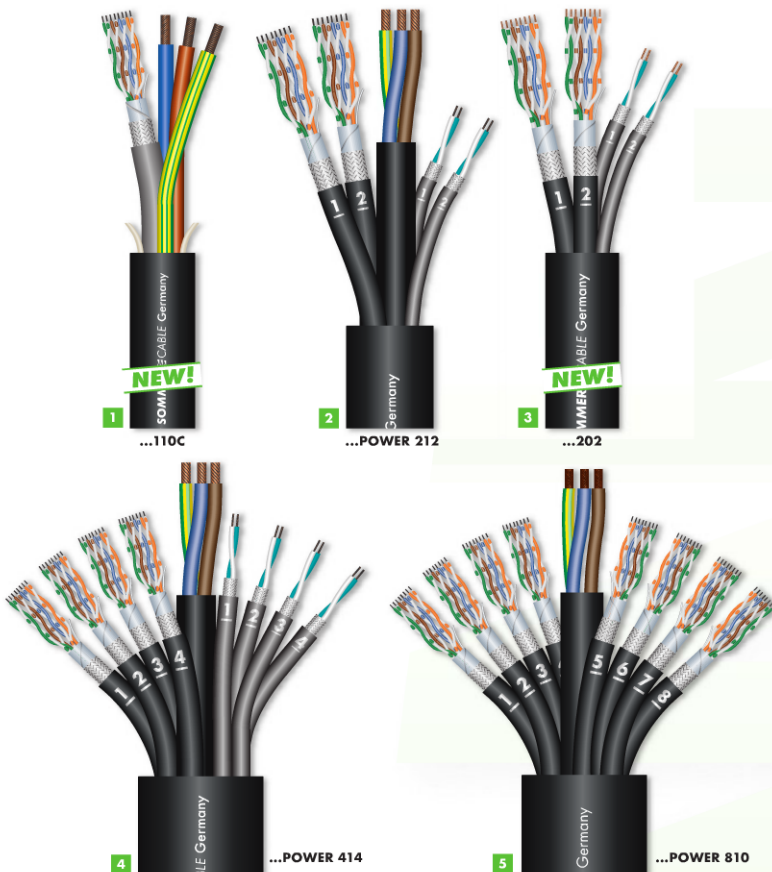
We have fitted the **SC MONOCAT POWER 810** with a super rugged notch-proof and cold-resistant jacket of halogen-free PUR FRNC.

**APPLICATION:**

- Control of DMX lighting consoles
- Mobile applications
- Analogue + digital audio multipair with LAN and power supply
- Permanent installation (FRNC IEC332.1)

**PRODUCT ADVANTAGES:**

- LAN signal transmission incl. mains supply in one cable
- LAN cable also usable as an additional control line



**TECHNICAL DATA**

	1 SC-MONOCAT 110C	2 SC-MONOCAT POWER 212 3 SC-MONOCAT 202 (without power)	4 SC-MONOCAT POWER 414	5 SC-MONOCAT POWER 810
Construction:	[[3LIY3x2.5mm <sup>2</sup> Y+ 1x{4x{2LI2Yx0.14mm <sup>2</sup> }}](ST)CY]Y	[[3LI(9)Y3x2.5mm <sup>2</sup> (11)Y+ 2x{4x{2x0.51mm}}](ST)CY+ 2x{2LI2Y0.25mm <sup>2</sup> DY}Y	[[3LIY3x2.5mm <sup>2</sup> Y+ 4x{4x{2x0.51mm}}](ST)CY+ 4x{2x{2LI2Y0.25mm <sup>2</sup> ST}}]CY]Y	[[3LI9Y3x2.5mm <sup>2</sup> 11Y+ 8x{4x{2LI2Yx0.14mm <sup>2</sup> }}](ST)CY]Y
Jacket, diameter:	13.8 mm	PVC 21.8 mm without power: 15.6 mm	PVC 27.0 mm	PUR halogen-free, 26.4 mm
Inner conductors:	Power: 3 x 2.5 mm <sup>2</sup> CAT: 4 x 2 x 0.14 mm <sup>2</sup> DMX: -	3 x 2.5 mm <sup>2</sup> 2 x 4 x 2 x 0.51 mm (PVC) 2 x 2 x 0.25 mm <sup>2</sup>	3 x 2.5 mm <sup>2</sup> 4 x 4 x 2 x 0.51 mm 4 x 2 x 0.25 mm <sup>2</sup>	3 x 2.5 mm <sup>2</sup> 8 x 4 x 2 x 0.14 mm <sup>2</sup> -
Conductor insulation:	Foam/Skin-PE	Foam/Skin-PE	Foam/Skin-PE	PE
Shielding:	CAT: AL/PT-foil + copper braiding tin-pl. DMX: -	AL/PT-foil + copper braiding tin-pl. copper spiral tin-plated	AL/PT-foil + copper braiding tin-pl. copper braiding tin-pl.	AL/PT-foil + copper braiding tin-pl. -
Shielding factor:	100 %	100 %	100 %	100 %
Temperature range:	-20 °C...+70 °C	-20 °C...+75 °C (PVC)	-20 °C...+75 °C	-30 °C...+75 °C
Fire load per m:	0.77 kWh	2.38 kWh	3.25 kWh	1.69 kWh
Weight per 1 m:	205 g	470 g	850 g	735 g
Packaging:	per m	per m	per m	per m

**ELECTRICAL DATA**

Capac. cond./cond. per 1 m (CAT):	44 pF	44 pF	44 pF	48 pF
Max. section length [1 Gbit] (CAT):	100 m	110 m	110 m	100 m
Surge impedance:	100 Ω (±15 Ω)	100 Ω (±15 Ω)	100 Ω (±15 Ω)	100 Ω (±15 Ω)
Insulation resist. per 1 km(Power):	5 GΩ	5 GΩ	5 GΩ	5 GΩ
Operation/Nominal voltage (Power):	300/300 V	300/500 V	300/500 V	300/300 V
Test voltage (Power):	2000 V	2000 V	2000 V	2000 V

TYPE	COLOUR	ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.
PUR	■ black	---	---	---	<b>501-0171-8</b>
PVC	■ black	<b>500-0151-1</b>	<b>500-0191-2</b>	<b>500-0191-4</b>	---
PVC, without power	■ black	---	<b>500-0161-2</b>	---	---