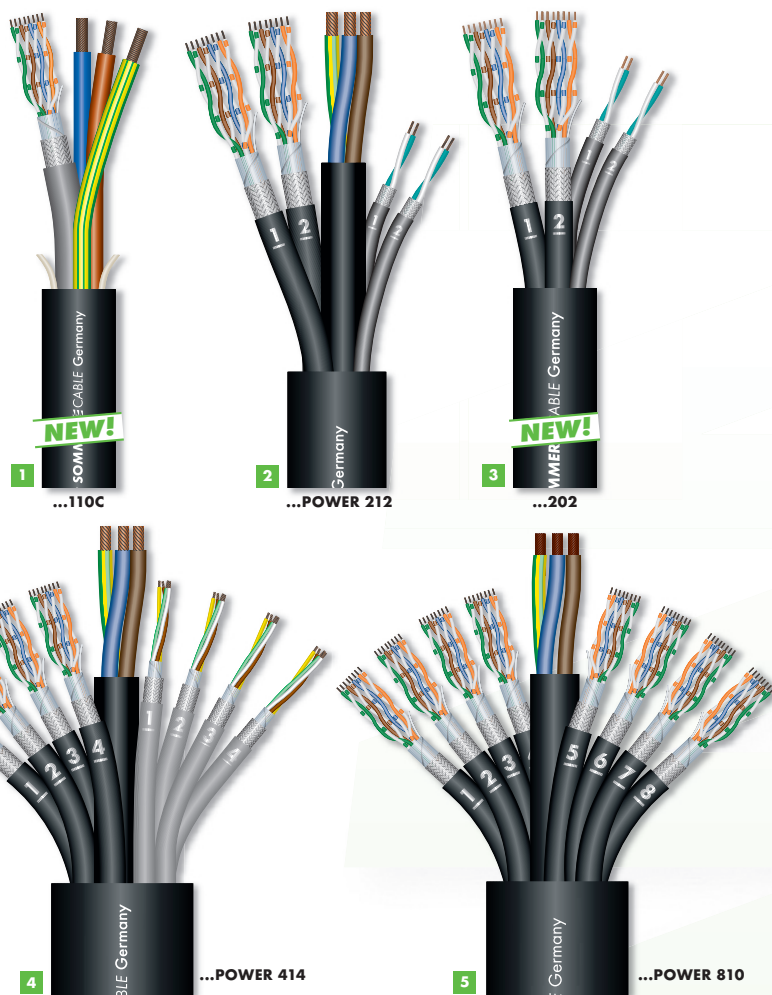




NETWORK, DMX & POWER COMBI-CABLE

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 PUR or 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.

With a great deal of finesse we've made the **SC-MONOCAT POWER 810** and **212** road-ready and fitted them with a super-rugged, notch- and cold-resistant jacket made of a 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
- Super tread-resistant owing to PUR jacket

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 ² Y+1x(4x(2LI2Yx0.14mm ²))(ST)CY]Y	[[3LI(9)Y3x2.5mm ²]{11}Y+2x(4x(2LI2Yx0.14mm ² /0.51mm)))(ST)CY+2x(2LI2Y0.25mm ²)DY]Y	[[3LIY3x2.5mm ² Y+4x(4x(2LI2Yx0.14mm ²))(ST)CY+4x(2x(2LI2YS0.34mm ² ST))CY]Y	[[3LI9Y3x2.5mm ² 11Y+8x(4x(2LI2Yx0.14mm ²))(ST)CY]Y
Jacket, diameter:	13.8 mm	PUR halogen-free 21.5 mm/PVC 18.2 mm without power: 15.6 mm	PVC 27.0 mm	PUR halogen-free, 26.4 mm
Inner conductors:	Power: 3 x 2.5 mm ² CAT: - CAT: 4 x 2 x 0.14 mm ² DMX: -	3 x 2.5 mm ² 2 x 4 x 2 x 0.51 mm (PUR) 2 x 4 x 2 x 0.14 mm ² (PVC) 2 x 2 x 0.25 mm ²	3 x 2.5 mm ² - 4 x 4 x 2 x 0.14 mm ² 4 x 4 x 0.34 mm ²	3 x 2.5 mm ² - 8 x 4 x 2 x 0.14 mm ² -
Conductor insulation:	Foam/Skin-PE	Foam/Skin-PE	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. AL/PT foil + copper braiding tin-pl.	AL/PT foil + copper braiding tin-pl. -
Shielding factor:	100 %	100 %	100 %	100 %
Temperature range:	-20 °C...+70 °C	-30 °C...+75 °C (PUR) -20 °C...+75 °C (PVC)	-15 °C...+80 °C	-30 °C...+75 °C
Fire load per m:	0.77 kWh	1.01 kWh	1.69 kWh	1.69 kWh
Weight per 1 m:	254 g	360 g	820 g	684 g
Packaging:	per m	per m	per m	per m

ELECTRICAL DATA

Capac. cond./cond. per 1 m (CAT):	44 pF	44 pF	48 pF	48 pF
Max. section length (1 Gbit) (CAT):	100 m	100 m	100 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 (PUR)	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	-	501-0171-2	-	501-0171-8
PVC	■ black	500-0151-1	500-0181-2	500-0171-4	-
PVC, without power	■ black	-	500-0161-2	-	-