

Q3-407 DMX-AES/EBU + 3x0,75 POWER CABLE
Q3-409 DMX-AES/EBU + 3x1,5 POWER CABLE
Q3-429 DMX-AES/EBU + 3x2,5 POWER CABLE



Q3-51301 DMX-AES/EBU + 3G1,5 POWER CABLE
Q3-51321 DMX-AES/EBU + 3G2,5 POWER CABLE



Q3-51302 DOUBLE DMX-AES/EBU + 3G1,5 POWER CABLE
Q3-51322 DOUBLE DMX-AES/EBU + 3G2,5 POWER CABLE



Applications

- Cables used in fixed and mobile installations where the power supply and DMX-AES/EBU signal are needed in a single cable.
- Control of the DMX signal in digital consoles.
- Analog and digital audio with power.
- Fixed and mobile installations in broadcast or recording studios, buildings, shows and events.

Connectors



Description

High quality hybrid cables for digital signal plus power in a single cover. Made up of 1 or 2 110Ω DMX-AES/EBU cables with power supply of 3 single-pole cables in the Q3-407, Q3-409 and Q3-429 references and a 3-conductor cable in the Q3-51301, Q3-51321, Q3-51302 and Q3-51322 references. The DMX-AES/EBU channels are made up of balanced OFC conductors with a section of 0.24 mm².

They incorporate an efficient shielding thanks to the aluminium tape and the tinned copper braid that protects them from hum, noise, radio interference and magnetic fields.

UL-PVC jackets provide the necessary strength and flexibility for both fixed and mobile installations.

These cables are an advantage in themselves for their ability to send the control signal and power together where they are required.

Advantages

- ✓ **OFC** Oxygen-free copper with a purity level of 99.99%. It provides a **higher conductivity** than conventional 99.9% purity copper.
- ✓ **DMX-AES/EBU** 0.24 mm² balanced conductors with a **110Ω digital signal**.
- ✓ **Screening** **Double screen** of aluminium tape and tinned copper braid
- ✓ **Power** Different power versions available. **From 0.75 mm² to 2.50 mm²**.
- ✓ **UL-PVC** **Fire retardant** PVC UNE-EN 60332-1-2 / IEC-60332-1.

Technical data

	DMX	POWER 3x0,75	POWER 3x1,50	POWER 3x2,50	POWER 3G1,50	POWER 3G2,50
N. Cond x Section (mm²)	1X2X0,24	1X0,75	1X1,50	1X2,50	3X1,50	3X2,50
Stranding (mm)	19/0,125 OFC TC	24/0,20 OFC	48/0,20 OFC	50/0,25 OFC	48/0,20 OFC	50/0,25 OFC
Insulation (mm)	1,55 HDPE	2,2 UL-PVC	2,9 UL-PVC	3,8 UL-PVC	2,9 UL-PVC	3,8 UL-PVC
Insulation colour	Red-White Green-White	Blue-Brown- Green+Yellow	Blue-Brown- Green+Yellow	Blue-Brown- Green+Yellow	Blue-Brown- Green+Yellow	Blue-Brown- Green+Yellow
Constructive elements	Drain wire OFC TC					
Screen	Al Tape/Pet 100% 16/6/0,10 OFC TC 85%					
Inner Jacket (mm)	4,6 UL-PVC				7,4 UL-PVC	9,2 UL-PVC
Inner Jacket colour	Black				Black	Black

Electrical characteristics

	DMX	POWER 3x0,75	POWER 3x1,50	POWER 3x2,50	POWER 3G1,50	POWER 3G2,50
Impedance	110 Ω					
Cond. Resist. (Max. 20°C)	93,25 Ω/Km	26 Ω/Km	13,3 Ω/Km	7,98 Ω/Km	13,3 Ω/Km	7,98 Ω/Km
Ins. Resist. (Min. 20°C)	10 MΩ/Km					
Capacity c/c	45 pF/m					
Capacity c/p	110 pF/m					
Breakdown voltage CA V	500 V			500 V		
Rated voltage V				300 V		
Test voltage (V)				1000 V		

Physical characteristics

Operating temperature	-15°C / +70°C
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CODE	DESCRIPTION	CONSTRUCTION	JACKET	COLOUR	OUTER Ø (mm)	PRESENTATION (m)
Q3-407	1 DMX + 3 UNIPOLAR POWER 0,75 mm ²	1x2x24AWG + 3x0,75 mm ²	UL-PVC	BLACK	9,0	100
Q3-409	1 DMX + 3 UNIPOLAR POWER 1,5 mm ²	1x2x24AWG + 3x1,50 mm ²	UL-PVC	BLACK	10,0	100
Q3-429	1 DMX + 3 UNIPOLAR POWER 2,5 mm ²	1x2x24AWG + 3x2,50 mm ²	UL-PVC	BLACK	12,0	100
Q3-51301	1 DMX + POWER WIRE 3G1,5	1x2x24AWG + 1x3x1,50 mm ²	UL-PVC	BLACK	15,0	100
Q3-51321	1 DMX + POWER WIRE 3G2,5	1x2x24AWG + 1x3x2,50 mm ²	UL-PVC	BLACK	16,0	100
Q3-51302	2 DMX + POWER WIRE 3G1,5	2x2x24AWG + 1x3x1,50 mm ²	UL-PVC	BLACK	16,0	100
Q3-51322	2 DMX + POWER WIRE 3G2,5	2x2x24AWG + 1x3x2,50 mm ²	UL-PVC	BLACK	16,5	100