

# EventSeries®

*HYB-3902 110 Ω AES/EBU, DMX & Power*

## Application

This Event® hybrid breakout cable combines a single 22awg pair with double shielding suitable for 110ohm AES/EBU, DMX512 & EIA-RS485 applications and 3cores of 1.50mm² power. Each cable element is pre-jacketed with a flexible PVC compound ensuring handling and termination is quick & easy. The overall cable wears a specially blended TPM material making it soft but hardwearing for install and mobile applications.



## Cable Design

### Power Cores (3G 1,50mm²)

Conductor	Flexible OFC copper conductor, EN 60228 Cl.5 (1,50mm²)
Insulation	PVC (Ø 2,30 mm nom.)
Core configuration	3 cores stranded (Blue – Brown – Yellow/green)
Sheath	PVC Black (Ø 7,0 mm nom.)

### AES/EBU,DMX (1x2x0,34 mm²)

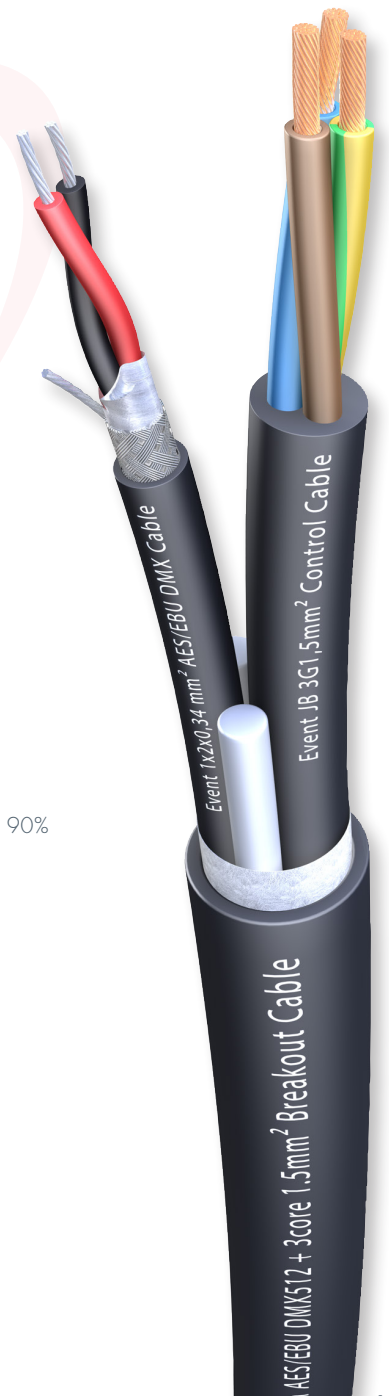
Conductor	Flexible tin-plated copper conductor, EN 60228 Cl.2 (7/0,25mm)
Insulation	Foam-PE compound (Ø 1,55 mm nom.)
Core configuration	2 cores stranded (Red - Black)
Shielding	Alu/PET tape + TC drain Wire + Tinned copper wire braid, coverage 90%
Sheath	PVC Black (Ø 4,6 mm nom.)

### Lay - Up

Construction	[(3LIY1,5mm²)Y+1(2LI2Y0,34mm²)DY]VLY
Separator	Non-woven tape (100% coverage)

### Outer Jacket

Construction	TPM Black
UV Resistant	Yes
Overall Diameter	Ø 14,6 mm nom.
Weight	240 kg/km nom.



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## Electrical Characteristics @ 20 °C

Conductor DC Resistance nom.	Power 1,5 mm <sup>2</sup>	13,3	Ohm/km
Conductor DC Resistance nom.	AES/EBU,DMX 0,34mm <sup>2</sup>	56	Ohm/km
Capacitance (conductors to conductors)	nom.	46	pF/m
Capacitance (conductors to screen)	nom.	70	pF/m
Impedance	AES/EBU,DMX 0,34mm <sup>2</sup>	110	Ohm

## Thermal & Mechanical Characteristics

Temperature Range	-30 to +70	°C
Installation temperature	0 to +50	°C
Min. Bending Radius	10	x Ø

## Specification

Part Number	Overall Diameter mm (nom.)	Weight kg/km (nom.)	Colour
HYB-3902	14,6	240	Black

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