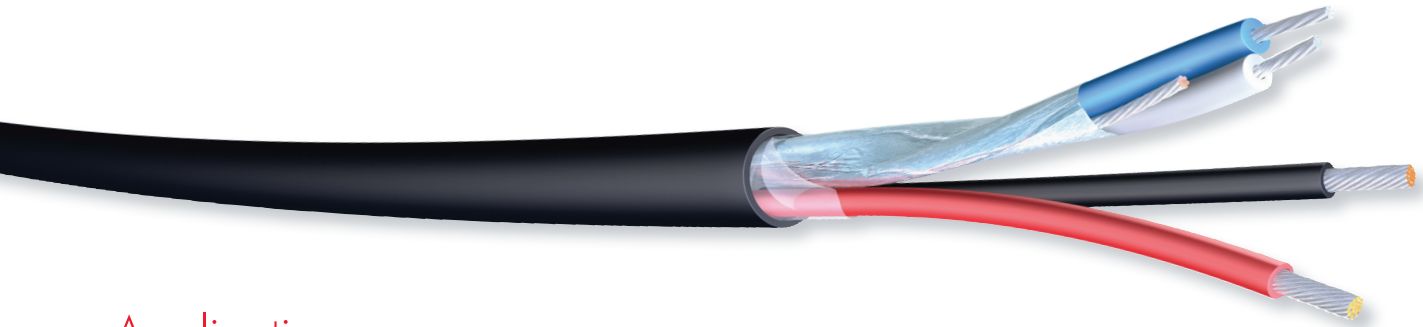


Media Control Cable

1x2x22awg + 2x18awg LSZH FireFighter[®] 600 V

Event[®] install



Application

Hybrid multimedia control cable for use with touchpanels, keypads, expansion modules and tuners with the added benefit of using LSZH FireFighter[®] sheath. The data cable is compliant with DMX512 digital & analogue as well as RS-422, RS-485. Suitable for Crestron systems.

Cable Design

Digital Signal-Pair 1x2x22awg

Conductor.....Stranded tinned copper wire (7x0,25mm)
Insulation.....LDFPE Ø 2,25 ± 0,10 mm
Pair identificationWhite / Blue
Drain Wire.....Stranded tinned copper wire (7x0,20mm)
Screen.....Aluminium/polyester (Alu. inside)

Power cores 2x18awg

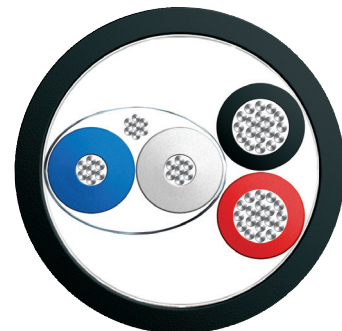
Conductor.....Stranded tinned copper wire (16x0,25mm)
Insulation.....HFFR compound Ø 2,0 ± 0,05 mm
Core identification.....Black / Red

Assembly1 screened signal pair + 2 power cores stranded
Tape.....PES tape wrapped

Outer Jacket.....HFFR compound
Colour.....Black
Diameter.....Ø 7,50 ± 1,0 mm

Fire Behaviour

- Flame Retardant acc. to IEC 60332-1
- Halogen Free acc. to IEC 60754
- Smoke Emission acc. to IEC 61034



Media Control Cable

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Technical Data

Signal-Pair	Capacitance core/core	46	pF/m	(nom)
	Capacitance core/screen	125	pF/m	(nom)
	Conductor Resistance	54	Ohm/km	(nom)
	Inductance	0,76	mH/km	(nom)
	Impedance	100	Ohm±15%	
	Current per Conductor @ 30°C	6	Amps	
Power Cores	Conductor Resistance	23	Ohm/km	(nom)
	Capacitance core/core	95	pF/m	(nom)
	Inductance	0,55	mH/km	(nom)
	Rated Voltage	300	V	
	Test Voltage	1,0	kV AC 1 min.	
	Current per Conductor @ 30°C	14	Amps	

Thermal & Mechanical Characteristics

Operating temperature	Flexing	-2°C up to +75°C
	Fixed	-20°C up to +75°C
Bending radius	10	x Ø

Specification

Part Number	Type
5000182434-01	EventSeries® Multimedia Hybrid Control Cable 2x18 Power + 1x2x22awg LSZH FireFighter® IEC60332-1 Black