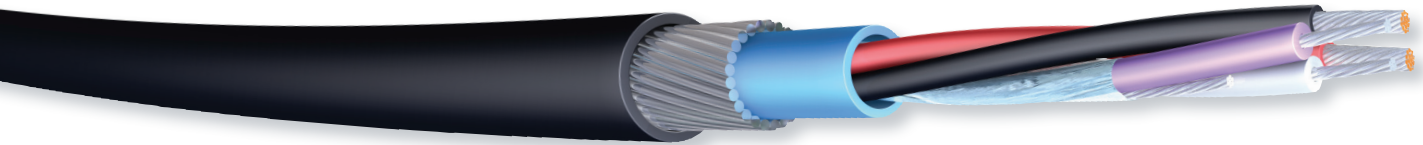


## Multimedia Hybrid Control Cable Power + Signal DataGuard® Armoured (SWA)

Event<sup>®</sup> install



### Application

Hybrid multimedia control cable for use with Lutron \*GRAFIK EYE™ 3000, 4000, 5000, 6000 systems and Crestron touchpanels, keypads, expansion modules and tuners with the added benefit of using LSZH FireFighter® sheath and DataGuard armouring for outdoor use. The data cable is compliant with DMX512 digital & analogue as well as RS-422, RS-485 applications.

\*GRAFIK EYE™ is a trade mark of Lutron Electronics Inc.

### Cable Design

#### Digital Signal-Pair 1x2x0,35mm<sup>2</sup> screened (22awg)

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Conductor.....            | Stranded tinned plated copper wire (7x0,25mm) 0,35mm <sup>2</sup> |
| Insulation.....           | Foam Polyethylene (PE) Ø 2,0 mm                                   |
| Pair identification ..... | White / Violet                                                    |
| Drain Wire .....          | Stranded tinned plated copper wire (7x0,20mm)                     |
| Screen .....              | 100% Polyester + Aluminium/polyester (Alu. inside)                |

#### Power cores 2x0,93mm<sup>2</sup> (18/19awg)

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Conductor.....            | Stranded tinned plated copper wire (19x0,25mm) 0,93mm <sup>2</sup> |
| Insulation.....           | Cross-Linked Polyethylene (XLPE) Ø 2,0 mm                          |
| Core identification ..... | Black / Red                                                        |

Assembly ..... 1 signal pair (0,35mm<sup>2</sup>) + 2 power cores (0,93mm<sup>2</sup>)

Inner Jacket.....LSZH FireFighter® BLUE RAL 5015

Diameter.....Ø 7,20 ± 0,5 mm

Armour.....DataGuard® Steel Wire Armour (SWA)

Outer Jacket.....LSZH FireFighter® BLACK

Overall Diameter.....Ø 11,0 mm ± 0,50 mm

### Additional Features

- Indoor/Outdoor applications
- Mechanical protection
- Rodent Protection
- Direct Burial
- UV-Resistant



## Multimedia Hybrid Control Cable

### Power + Signal DataGuard® Armoured (SWA)

## Technical Data

|             |                         |      |           |       |
|-------------|-------------------------|------|-----------|-------|
| Signal-Pair | Capacitance core/core   | 46   | pF/m      | (nom) |
|             | Capacitance core/screen | 124  | pF/m      |       |
|             | Attenuation (1 MHz)     | 2,0  | dB/100m   | (nom) |
|             | Velocity ratio          | 0,78 |           | (nom) |
|             | Resistance (core)       | 56   | Ohm/km    | (max) |
|             | Resistance (screen)     | 65   | Ohm/km    | (max) |
|             | Insulation resistance   | 100  | Mohm x km | (min) |
| Power Cores | Resistance (cores)      | 19   | Ohm/km    | (max) |
|             | Insulation resistance   | 200  | Mohm x km | (min) |
|             | Operating voltage       | 600  | V         |       |
|             | Test voltage            | 2000 | V         |       |

## Specification

| EventSeries® Part # | Type                                                                                                            |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| 145000182434-01     | DataGuard® Armoured (SWA) EventSeries® Multimedia Control Cable<br>1x2x18/19awg Power + 1x2x22/7awg 110ohm 600V |