

# EventSeries® HD600 Serial Digital Video Cable 75Ω LSZH FireFighter®

## Cable Design *HD600*








<b>Conductor</b>	Solid bare copper wire
Conductor Size	1 x 0,65 mm
<b>Insulation/Dielectric</b>	Foam Polyolefin
<b>Screen</b>	Aluminium/Polyester/Aluminium
<b>Shield</b>	Tinned copper braid
<b>Outer Jacket</b>	LSZH FireFighter® IEC 60332-1
Diameter	Ø 4,50 mm
Colour	See specification table



## Application

EventSeries HD range as well as being suitable for digital applications are also smaller, lighter and cheaper than the traditional PSF types.

## Specification

Part Number	Overall Diameter <i>mm</i>	Colour
HD600-13	4,5	Turquoise 
HD600-09	4,5	Violet 
HD600-03	4,5	Green 
HD600-05	4,5	Grey 
HD600-02	4,5	Blue 
HD600-06	4,5	Yellow 
HD600-07	4,5	Cream 

## Electrical Data

Characteristic Impedance	75 ± 1 Ω
Screening Factor	≥ 100 dB
Velocity Propagation	83 %
D.C.R Inner Conductor	53,5 Ω/km
D.C.R Outer Conductor	17,0 Ω/km
Mutual Capacitance	56 pF/m
Return Loss 50-300 MHz	≥ 26 dB
Return Loss 300-3000 MHz	≥ 22 dB

Frequency		Attenuation	
1	MHz	0,75	dB/100m
10	MHz	3,15	dB/100m
135	MHz	9,48	dB/100m
180	MHz	11,20	dB/100m
270	MHz	13,70	dB/100m
360	MHz	16,00	dB/100m
800	MHz	25,00	dB/100m
1500	MHz	35,60	dB/100m
3000	MHz	53,70	dB/100m
4500	MHz	68,30	dB/100m

For maximum calculated transmission lengths acc. to smpte [click here](#)