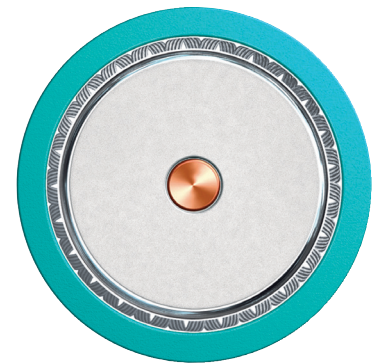


# EventSeries®

HD1000 Serial Digital Video Cable 75 Ohm

LSZH FireFighter®



## Application

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


## Cable Design

Conductor	Solid bare copper wire : 1 x 1,0 mm
Insulation/Dielectric	Foam Polyethylene : Ø 4,80 mm
Screen	Aluminium/Polyester/Aluminium
Shield	Tinned copper braid, 95% coverage
Outer Jacket	LSZH FireFighter® IEC 60332-1
Colour	See specification table

## Characteristics

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

## Specification

Cross Section	Part Number	Overall Diameter [mm]	Colour
	HD1000-13	6,60 ± 0,50	Turquoise



# EventSeries®

## HD1000 Serial Digital Video Cable 75 Ohm LSZH FireFighter®

### Electrical Data

Characteristic Impedance	75	± 1 Ω
Screening Factor	≥ 100	dB
Velocity Propagation	83	%
D.C.R Inner Conductor	22,0	Ω/km
D.C.R Outer Conductor	7,0	Ω/km
Mutual Capacitance	56	pF/m
Return Loss 50-300 MHz	≥ 26	dB
Return Loss 300-3000 MHz	≥ 22	dB

Frequency	Attenuation
5 MHz	1,50 dB/100m
71,5 MHz	5,10 dB/100m
88,5 MHz	5,60 dB/100m
135 MHz	6,90 dB/100m
180 MHz	8,30 dB/100m
360 MHz	11,70 dB/100m
750 MHz	17,20 dB/100m
1000 MHz	20,50 dB/100m
1500 MHz	25,60 dB/100m
2500 MHz	34,10 dB/100m
3000 MHz	38,20 dB/100m
6000 MHz	57,80 dB/100m

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