



HD-SDI - multichannel video cables - 5 x 0.6/28.AF - FRNC Eca

- analog, high resolution RGBHV or 5 x digital video
- double shielding (100% foil + 90% braid)
- flame retardant and non corrosive (FRNC)
- not suitable for mobile HD-SDI use
- CPR class Eca acc. to EN50575

FRNC

UHD

6GSDI

Eca

This multichannel video cable is used for analog and digital colour signal transmission in data and TV studio technology. The colour signals red, green and blue and - if required - synchronisation signals can be transmitted via a single video cable from our multichannel range. The FRNC version with improved fire-resistant qualities is flame retardant and halogen-free.

construction

inner conductor	solid bare copper, Ø 0.60 mm
insulation	Foam-Skin PE, gas injected, Ø 2.8 mm
shielding	AL/PET/AL double-layer foil + tinned copper braid (92% coverage)
element jacket	LSZH, Ø 4.5 mm
colours of elements	black, red, blue, green, white
twisting	5 elements around a central filler
outer jacket	FRNC, black

mechanics

min. bending radius	10x outer diameter
flame retardancy	acc. to IEC 60332-1
halogen-free	acc. to IEC 60754-2

electric

characteristic impedance	75 Ω ± 1%
capacity	58 pF/m
velocity of propagation	81 %
attenuation [dB/100m]	
1 MHz	1.2
5 MHz	2.7
10 MHz	3.8
100 MHz	10.8
135 MHz	12.4
200 MHz	15.0
270 MHz	17.5
500 MHz	24.2
1000 MHz	34.7
1500 MHz	43.2

order code	outer jacket	outer Ø mm	heat of combustion kWh/km	colour	weight kg/m	standard lengths m
VD5062SH	FRNC	14.5	3746	black	0.25	25 / 50 / 100 / 200 / 300

technical specifications are subject to change