

# video cable SC-Vector (RCB) CPR-Version; 1 x 0,80; FRNC Ø 6,00 mm; blue; Dca

## Art. No.: 600-0162FC



Max. Transmission Length	3G-SDI	6G-SDI	ANALOG	DIGITAL	FRNC
Max. Transmission length (3G-SDI) [m]	160	70			
Max. Transmission length (6G-SDI) [m]		70			
Width [mm]					6
Height [mm]					6

### General Data

Article number :	600-0162FC
Name :	SC-Vector (RCB) CPR-Version
EAN :	4049371395342
Properties :	6G-SDI
Properties :	3G-SDI
Properties :	SDI
Properties :	Digital 75 Ω
Properties :	OFC oxygen free copper
Properties :	FRNC flame retardant
Properties :	Halogen-free / LSZH
Properties :	Analog
Application area :	ELA 100 V
Application area :	Installation
Application area :	Studio / Broadcast
Application area :	Mobile outdoor / indoor
Application :	video cable
Colour :	blue
BPVo-Euroclass :	Dca

### Technical Data

Construction :	1x02YS(ST)CH0,8/3,7 HD-SDI
Jacket material :	FRNC
Jacket Ø [mm] :	6,00
Number of Channels (video) :	1
Inner conductor (video) :	1
Inner conductor (video) [mm²] :	0,50
Inner conductor Ø (video) [mm] :	0,80
AWG (video) :	20
Shielding :	AL / PT-foil + Copper braiding tin-plated 85 %
Shielding factor [%] :	100
Copper strands (video) :	1
Copper strand Ø (video) [mm] :	0,80
Conductor insulation material :	Gas Injected-PE
Conductor insulation Ø [mm] :	3,70
Weight per 1 m [g] :	40
Fire load per m [kWh] :	0,16
Style variant :	round
Packing :	bulk stock
Velocity factor :	0,82
Temperature min. [°C] :	-10
Temperature max. [°C] :	80
Max. transmission distance (SDI) [m] :	220

Max. Transmission length (3G-SDI) [m] :	160
Max. Transmission length (6G-SDI) [m] :	70
Width [mm] :	6
Height [mm] :	6

### Electrical Data

Capacity wire/electic screen at 1m (video) [pF] :	52,9
Damping at 200 MHz (100m & 20° C) [dB] :	11,2
Damping at 470 MHz (100m & 20° C) [dB] :	17
Damping at 862 MHz (100m & 20° C) [dB] :	24
Damping at 1000 MHz (100m & 20° C) [dB] :	26,4
Damping at 1485 MHz (100m & 20° C) [dB] :	32,8
Damping at 1750 MHz (100m & 20° C) [dB] :	35,9
Damping at 2150 MHz (100m & 20° C) [dB] :	40,1
Damping at 3000 MHz (100m & 20° C) [dB] :	47,9
Damping at 6000 MHz (100m & 20° C) [dB] :	77,8
Damping at 9000 MHz (100m & 20° C) [dB] :	99,4
Damping at 12000 MHz (100m & 20° C) [dB] :	118,6
Impedance [Ω] :	75
Conductor resistance per 1 km [Ω] :	37
Shield. resistance per 1 km [Ω] :	20