

# video cable SC-Vector (RCB); 1 x 0,80; PVC Ø 6,00 mm; red

Art. No.: 600-0163



## General Data

Article number :	600-0163
Name :	SC-Vector (RCB)
EAN :	4049371460323
Properties :	6G-SDI
Properties :	3G-SDI
Properties :	SDI
Properties :	Digital 75 Ω
Properties :	OFC oxygen free copper
Properties :	Analog
Application area :	ELA 100 V
Application area :	Installation
Application area :	Studio / Broadcast
Application area :	Mobile outdoor / indoor
Application :	video cable
Colour :	red
BPVo-Euroclass :	Fca

## Technical Data

Construction :	1x02YS(ST)CH0,8/3,7 HD-SDI
Jacket material :	PVC
Jacket Ø [mm] :	6,00
Number of Channels (video) :	1
Inner conductor (video) :	1
Inner conductor (video) [mm <sup>2</sup> ] :	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 :	100 m spool
Velocity factor :	0,82
Temperature min. [°C] :	-10
Temperature max. [°C] :	80
Max. Transmission length (SMPTE 425M, 3G) (without connectors) [m] :	121
Max. Transmission length (SMPTE 2081, 6G) (without connectors) [m] :	82

Max. Transmission length (SMPTE 2082, 12G) (without connectors) [m] :	51
Max. Transmission length (SMPTE 2082, 12G) (without connectors) [ft] :	167,3228
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