

Name	SC-Vector (RCB)
Properties	OFC oxygen free copper
Properties	3G-SDI
Properties	Analog
Properties	SDI
Properties	Digital 75 Ω
Properties	6G-SDI
Application area	Installation
Application area	Studio / Broadcast
Application area	Mobile outdoor / indoor
Application area	ELA 100 V
Application	video cable
Colour	blue
Colour detailed	blue
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) [mm²]	0,50
Inner conductor Ø (video) [mm]	0,80
AWG (video)	20
Shielding	AL / PT-foil + Copper braiding tin-plated 85 %
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
Shielding factor [%]	100
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
Capacity wire/electic screen at 1m (video) [pF]	52,9
Capacity wire/electic screen at 1 ft. (video) [pF]	16,1239
Damping at 200 MHz (100m & 20° C) [dB]	11,2
Damping at 200 MHz (100 ft. & 20 °C / 68 °F) [dB]	3,4138
Damping at 470 MHz (100m & 20° C) [dB]	17
Damping at 470 MHz (100 ft. & 20 °C / 68 °F) [dB]	5,1816
Damping at 862 MHz (100m & 20° C) [dB]	24
Damping at 862 MHz (100 ft. & 20 °C / 68 °F) [dB]	7,3152
Damping at 1000 MHz (100m & 20° C) [dB]	26,4
Damping at 1000 MHz (100 ft. & 20 °C / 68 °F) [dB]	8,0467
Damping at 1485 MHz (100m & 20° C) [dB]	32,8

Damping at 1485 MHz (100 ft. & 20 °C / 68 °F) [dB]	9,9974
Damping at 1750 MHz (100m & 20° C) [dB]	35,9
Damping at 1750 MHz (100 ft. & 20 °C / 68 °F) [dB]	10,9423
Damping at 2150 MHz (100m & 20° C) [dB]	40,1
Damping at 2150 MHz (100 ft. & 20 °C / 68 °F) [dB]	12,2225
Damping at 3000 MHz (100m & 20° C) [dB]	46,4
Damping at 3000 MHz (100 ft. & 20 °C / 68 °F) [dB]	14,1427
Impedance [Ω]	75
Conductor resistance per 1 km [Ω]	37
Conductor resistance per 1000 ft. [Ω]	11,2776
Shield. resistance per 1 km [Ω]	20
Shield. resistance per 1000 ft. [Ω]	6,096
EAN	4049371001359