

video cable SC-Vector Plus 5; 1 x 1,20; PVC self-extinguishing Ø 22,10 mm; black

Art. No.: 600-0171-05



General Data

Article number :	600-0171-05
Name :	SC-Vector Plus 5
EAN :	4049371341943
Properties :	SDI
Properties :	3G-SDI / UHD
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 :	black
BPVo-Euroclass :	Fca
Max. Transmission length (SMPTE 2082, 12G) [m] :	70
Max. Transmission length (SMPTE 2082, 12G) [ft] :	229,6588

Technical Data

Construction :	5x02YS(ST)CH1,2/5,0
Jacket material :	PVC self-extinguishing
Jacket Ø [mm] :	22,10
Number of Channels (video) :	1
Inner conductor (video) :	5
Inner conductor (video) [mm ²] :	0,88
Inner conductor Ø (video) [mm] :	1,20
AWG (video) :	18
Shielding :	AL / PT-foil + copper braiding 80 % tin-plated
Shielding factor [%] :	100
Copper strands (video) :	7
Copper strand Ø (video) [mm] :	0,40
Conductor insulation material :	Foam / Skin-PE
Conductor insulation Ø [mm] :	5,00
Weight per 1 m [g] :	510
Fire load per m [kWh] :	2,1
Style variant :	round
Packing :	bulk stock
Velocity factor :	0,8
Temperature min. [°C] :	-10
Temperature max. [°C] :	80
Max. Transmission length (SMPTE 425M, 3G) [m] :	146

Max. Transmission length (SMPTE 2081, 6G) [m] :	100
Width [mm] :	22,1
Height [mm] :	22,1

Electrical Data

Capacity wire/electic screen at 1m (video) [pF] :	52
Damping at 200 MHz (100m & 20° C) [dB] :	9,9
Damping at 470 MHz (100m & 20° C) [dB] :	15,4
Damping at 862 MHz (100m & 20° C) [dB] :	20,9
Damping at 1000 MHz (100m & 20° C) [dB] :	22,8
Damping at 1485 MHz (100m & 20° C) [dB] :	28
Damping at 1750 MHz (100m & 20° C) [dB] :	30,5
Damping at 2150 MHz (100m & 20° C) [dB] :	34,3
Damping at 3000 MHz (100m & 20° C) [dB] :	41,5
Impedance [Ω] :	75
Conductor resistance per 1 km [Ω] :	21
Shield. resistance per 1 km [Ω] :	11