

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

Art. No.: 600-0171-05

3G-SDI

ANALOG

DIGITAL

OFC

SDI/HD-SDI



### 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                     |

### 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 <sup>2</sup> ] : | 0,88  |
| Inner conductor Ø (video) [mm] :             | 1,20  |
| AWG (video) :                                | 18  |
| Shielding :                                  | AL / PT-foil + copper braiding<br>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 (3G-SDI) [m] :      | 170   |
| Max. Transmission length (6G-SDI) [m] :      | 70  |
| 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   |