

## Transit MC 3231 HD-SDI; video: 3 x 1,20/5,00; audio: 2 x 2 x 0,15 mm<sup>2</sup>; power: 3 x 2,50 mm<sup>2</sup>; 1 x CAT.7; Soft-PVC Ø 24,00 mm; black

Art. No.: 600-2791

**ANALOG** **DIGITAL** **OFC** **SDI/HD-SDI**



### General Data

Article number :	600-2791
Name :	Transit MC 3231 HD-SDI
EAN :	4049371003988
Properties :	Analog
Properties :	OFC oxygen free copper
Properties :	Digital 75 Ω
Properties :	SDI
Application area :	Mobile outdoor / indoor
Application area :	Studio / Broadcast
Application area :	Installation
Application :	hybrid cable
Colour :	black
Colour detailed :	black
BPVo-Euroclass :	Fca

### Technical Data

Construction :	[3LI2YSCY0,1,2mm+2(2LI2Y0,15mm <sup>2</sup> )DY+(3LIY2,5mm <sup>2</sup> )Y+S FTP4x2xAWG26/7]Y
Construction (audio) :	2 x 2 x 0,15mm <sup>2</sup>
Construction (video) :	3 x 1,2/5,0
Construction (power) :	(3LIY2,5mm <sup>2</sup> )Y
Construction (network) :	SFTP 4x2x0,14mm <sup>2</sup>
Jacket material :	Soft-PVC
Jacket material (audio) :	PVC
Jacket material (video) :	PVC
Jacket material (power) :	PVC
Jacket material (network) :	PVC
Jacket Ø [mm] :	24,00
Jacket Ø (audio) [mm] :	3,00
Jacket Ø (video) [mm] :	6,95
Jacket Ø (power) [mm] :	10,20
Jacket Ø (network) [mm] :	6,40
Number of Channels (audio) :	2
Number of Channels (video) :	3
Number of Channels (power) :	1
Number of Channels (network) :	1
Inner conductor (audio) :	2
Inner conductor (video) :	3
Inner conductor (power) :	3
Inner conductor (network) :	8
Inner conductor (audio) [mm <sup>2</sup> ] :	0,15
Inner conductor (video) [mm <sup>2</sup> ] :	1,13
Inner conductor (power) [mm <sup>2</sup> ] :	2,50

Inner conductor (network) [mm <sup>2</sup> ] :	0,14
Inner conductor Ø (audio) [mm] :	0,44
Inner conductor Ø (video) [mm] :	1,20
Inner conductor Ø (power) [mm] :	1,78
Inner conductor Ø (network) [mm] :	0,42
AWG (audio) :	25
AWG (video) :	18
AWG (power) :	13
AWG (network) :	26
Shielding (audio) :	Copper spiral
Shielding (video) :	Copper braiding + AL / PT foil
Shielding (network) :	Copper braiding + AL / PT-foil per wire pair (CAT)
Shielding factor [%] :	100
Copper strands (audio) :	19
Copper strands (network) :	7
Copper strand Ø (audio) [mm] :	0,10
Copper strand Ø (network) [mm] :	0,16
Wire insulation material (video) :	Foam / Skin-PE
Conductor insulation Ø (video) [mm] :	5,00
Weight per 1 m [g] :	580
UV-resistant :	yes
Fire load per m [kWh] :	3,57
Style variant :	round
Packing :	bulk stock
CAT-Type :	CAT.7
Velocity factor :	0,77
Temperature min. [°C] :	-20
Temperature max. [°C] :	75
Width [mm] :	24
Height [mm] :	24

### Electrical Data

Capacity wire/wire at 1m (network) [pF] :	43
Capacity wire/electic screen at 1m (video) [pF] :	52
Damping at 50 MHz (100m & 20° C) [dB] :	16,9
Damping at 100 MHz (100m & 20° C) [dB] :	21,2
Damping at 470 MHz (100m & 20° C) [dB] :	50,5
Damping at 862 MHz (100m & 20° C) [dB] :	77
Damping at 1000 MHz (100m & 20° C) [dB] :	85,4
Damping at 1485 MHz (100m & 20° C) [dB] :	109,6
Damping at 1750 MHz (100m & 20° C) [dB] :	120,2
Damping at 2150 MHz (100m & 20° C) [dB] :	131,8
Damping at 3000 MHz (100m & 20° C) [dB] :	140,5

Impedance (video) [ $\Omega$ ] :	75
Impedance (network) [ $\Omega$ ] :	100
Insulation resist. per 1 km (network) [ $G\Omega$ ] :	5
Conductor resistance per 1 km (network) [ $\Omega$ ] :	143
Shield. resistance per 1 km [ $\Omega$ ] :	12
Max. delay (skew) :	20 ns @ 100 MHz/100 m