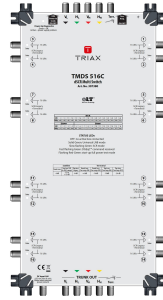


connecting the future



## TMDS 516 C dSCR multiswitch

Article number: 307380

### Product description:

#### Sky compatible Multiswitches

Enabling individual apartments within MDU's to enjoy the full Sky Q experience.

- 4 x cascadeable LNB inputs from a universal Quattro LNB: VL, HL, VH, HH
- 1 x terrestrial trunk SCR/Legacy subscriber outputs for Sky Q boxes (each providing access to 16 x SCR User Bands or a single Legacy)
- 1 x DC input
- 2 x Switches for DC sourcing and TER AMP (active/passive)
- Diagnostics LED's

### Specifications

ORDER INFORMATION	
EAN Number	5702663073807
CHARACTERISTICS	
Input level	max. 73...103 (@20Vdc) dB $\mu$ V
Max. input level - TER (IMD3 - 60dB)	88 dB $\mu$ V
Max. output level TER @ -60dB IMD3	96 (86dB $\mu$ V @SCR active mode) dB $\mu$ V
dSCR output level	85...87 (min 93 Legacy) dB $\mu$ V

LNB current max.	500 mA
Switch commands	BSkyB SCR / CENELEC 50494 / CENELEC 50607 / Universal LNB tone/volts
<b>FREQUENCY</b>	
Frequency range TER	40...790 MHz
Frequency range SAT	950...2150 MHz
<b>LOSS</b>	
Tap loss TER	-24 passive (-10 active) dB
Tap loss SAT	-15...+15 SCR mode (-13...+8 Legacy mode) dB
Insertion loss - trunkline TER	-16 passive (+6 active) dB
Insertion loss - trunkline SAT	-6 dB
<b>ISOLATION</b>	
Isolation SAT to SAT	>35 SCR mode dB
<b>RETURN LOSS</b>	
Return loss SAT inputs	>10 (@Trunk) dB
Return loss SAT outputs	>7 (@SCR+TER) dB
Return loss TER inputs	>8 (@Trunk) dB
<b>ELECTRICAL</b>	
Impedance	75 $\Omega$
<b>OPERATIONAL</b>	
DC Operating voltage	10...20 VDC
DC Current consumption	< 2400 (@20Vdc) mA
PSU/adapter INFO	Required
PSU/adapter Art number	307372
Temperature - operating	-20...50 °C
<b>CONNECTORS</b>	
Number of inputs	4 SAT, 1 TER
Number of outputs	2 (@Legacy only) 2 (@SCR/Legacy auto det)
Subscriber outputs	16
Colorcoding @IF/TER inputs	VL=Black, VH=Red, HL=Green, HH=Yellow, Clear=TER
<b>MECHANICAL</b>	
Main material	Steel housing
Packing QTY	1

Product Height	423 mm
Product Length	223 mm
Product Depth	50 mm
Packaging Height	0,060 m
Packaging Width	0,485 m
Packaging Depth	0,235 m
Packaging Volume	0,007 m <sup>3</sup>
Net Weight	1,600 kg
Tara Weight	0,230 kg
Total Weight	1,830 kg

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