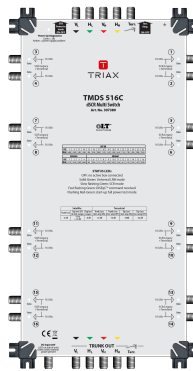


## TMDS 516 C dSCR multiswitch

Art. Number 307380



### 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

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663073807

### CHARACTERISTICS

dSCR output level   dB $\mu$ V	85...87 (min 93 Legacy) dB $\mu$ V
Input level   dB $\mu$ V	max. 73...103 (@20Vdc) dB $\mu$ V
LNB current max.   mA	500 mA
Max. input level - TER (IMD3 - 60dB)   dB $\mu$ V	88 dB $\mu$ V
Max. output level TER @ -60dB IMD3   dB $\mu$ V	96 (86dBuV @SCR active mode) dB $\mu$ V
Switch commands	BSkyB SCR / CENELEC 50494 / CENELEC 50607 / Universal LNB tone/volts

### FREQUENCY RANGE

Frequency range SAT   MHz	950...2150 MHz
Frequency range TER   MHz	40...790 MHz

### LOSS

Insertion loss - trunkline SAT   dB	-6 dB
Insertion loss - trunkline TER   dB	-16 passive (+6 active) dB



## Technical Specifications

Tap loss SAT   dB	-15...+15 SCR mode (-13...+8 Legacy mode) dB
Tap loss TER   dB	-24 passive (-10 active) dB

### ISOLATION

Isolation SAT to SAT   dB	>35 SCR mode dB
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### RETURN LOSS

Return loss SAT inputs   dB	>10 (@Trunk) dB
Return loss SAT outputs   dB	>7 (@SCR+TER) dB
Return loss TER inputs   dB	>8 (@Trunk) dB

### ELECTRICAL

Impedance   $\Omega$	75 $\Omega$
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### OPERATIONAL

DC Current consumption   mA	< 2400 (@20Vdc) mA
DC Operating voltage   VDC	10...20 VDC
PSU/adaptor Art number	307372
PSU/adaptor INFO	Required
Temperature - operating   °C	-20...50 °C

### CONNECTORS

Colorcoding @IF/TER inputs	VL=Black, VH=Red, HL=Green, HH=Yellow, Clear=TER
Number of inputs	4 SAT, 1 TER
Number of outputs	2 (@Legacy only) 2 (@SCR/Legacy auto det)
Subscriber outputs	16

### MECHANICAL

Product Depth   mm	50 mm
Packaging Depth   m	0.235 m
Packaging Height   m	0.060 m
Total Weight   kg	1.830 kg
Packaging Width   m	0.485 m
Product Height   mm	423 mm
Product Length   mm	223 mm
Main material	Steel housing
Net Weight   kg	1.600 kg
Packing QTY	1
Tara Weight   kg	0.230 kg
Packaging Volume   m3	0.007 m3