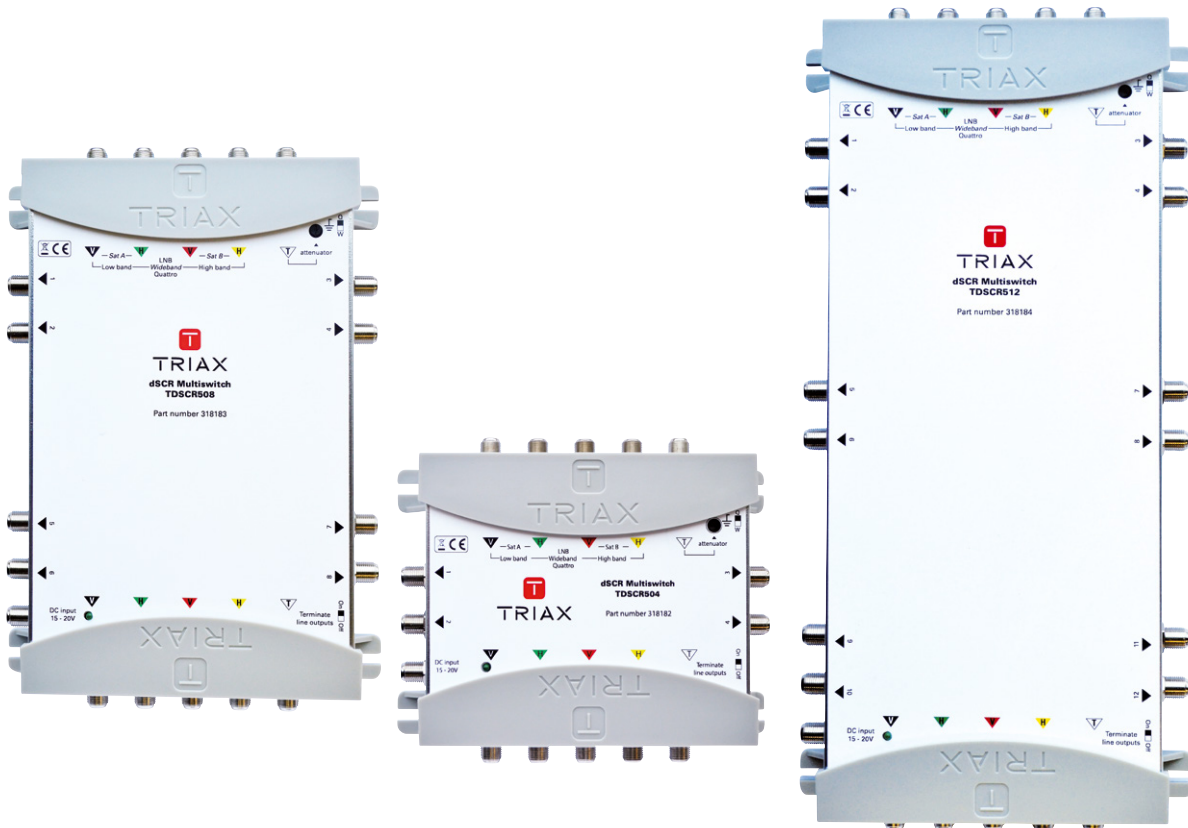




TRIAx

connecting the future



dSCR Multiswitches TdSCR 504/508/512

- designed to support a wide range of new and existing multiswitch installations

- 4 cascadeable LNB inputs from 1 universal Quattro LNB
- 2 Wideband LNB inputs (Vertical, Horizontal) for a 2 satellite installation
- 1 cascadeable terrestrial trunk input
- 1 level adjuster for terrestrial signals 0 – 20dB
- 4, 8 or 12 SCR/Legacy outputs
- 1 DC input (for switch, line and LNB powering)
- 75Ω self-termination switch
- Can be used as a Cascade, Standalone or Terminated Multiswitch

Product Code:

TdSCR 504	318182
TdSCR 508	318183
TdSCR 512	318184



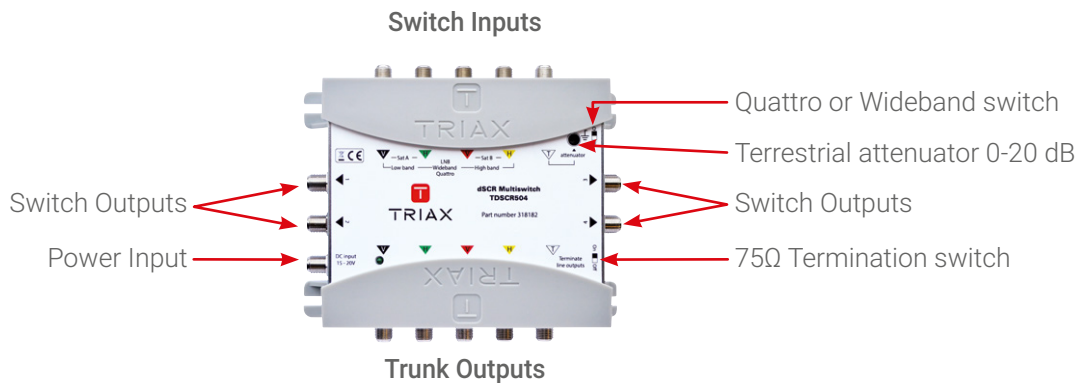
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- Each output can support a wide variety of satellite receivers:
 - In legacy mode, the outputs can be used as a standard multiswitch
 - In SCR mode, each output supports up to 16 User Bands with all versions of the single cable technology. This includes OLT, SCR, CSS, SKY UK, EN50494 and EN50607
- As all outputs are independent, the installation can be a mix of legacy and dSCR connections
- The terrestrial input supports any services that operate between 47 - 790MHz, which includes terrestrial TV, DAB and FM reception
- The trunk outputs allow the cascade of multiple switches to support large installations and have a 75Ω self-termination toggle switch
- Can be used as a Cascade, Standalone or Terminated Multiswitch
- The DC power can be inserted into the switch on the F connector, or at any point in the system. In cascaded systems multiple power supplies might be required



Type:		TdSCR504	TdSCR508	TdSCR512
Art. no.		318182	318183	318184
Inputs	-	4 SAT (1x quattro or 2 x wideband) + 1 TERR		
User outputs	-	4 Outputs with 16 User bands	8 Outputs with 16 User bands	12 Outputs with 16 User bands
Impedance inputs / outputs	Ohm	75	75	75
FREQUENCY RANGE - SAT				
- dSCR, Legacy	MHz	950 – 2150	950 – 2150	950 – 2150
- Wideband	MHz	290 – 2340	290 – 2340	290 – 2340
Frequency range Terr.	MHz	40-790, active	40-790, active	40-790, active
Input power / dSCR / Legacy	dBm	-38 to -8	-38 to -8	-38 to -8
Output power dSCR / Legacy	dBuV	85 (AGC) (-25 dBm)	85 (AGC) (-25 dBm)	85 (AGC) (-25 dBm)
OPERATIONAL				
Insertion loss Terr.	dB	Typ. 0	Typ. 0	Typ. 0
Attenuation Terr.	dB	0 to 20	0 to 20	0 to 20
Max. Output power Terr.	dBuV	90	90	90
Through loss SAT	dB	Typ. -2.5	Typ. -3	Typ. -4
Through loss Terr.	dB	Typ. -4	Typ. -5	Typ. -6
Isolation H/V	dB	25	25	25
Return loss Inputs / Outputs	dB	10	10	10
User band frequencies	MHz	SKY UK, EN50607, EN50494 (automatic selection)		
LNB supply voltage	V	15 – 20	15 – 20	15 – 20
Max. LNB supply current	mA	1000	1000	1000
Current consumption	mA	< 800 @15V	< 1500 @15V	< 2400 @15V
External PSU	V	Yes (15-20)	Yes (15-20)	Yes (15-20)
MECHANICAL				
Dimension (LxBxH)	mm	166 x 136 x 52	166 x 237 x 52	166 x 335 x 52
Weight	g	520	980	1440
Operating temperature range	°C	-20 to +50	-20 to +50	-20 to +50
DC connector type	-	F-Connector	F-Connector	F-Connector