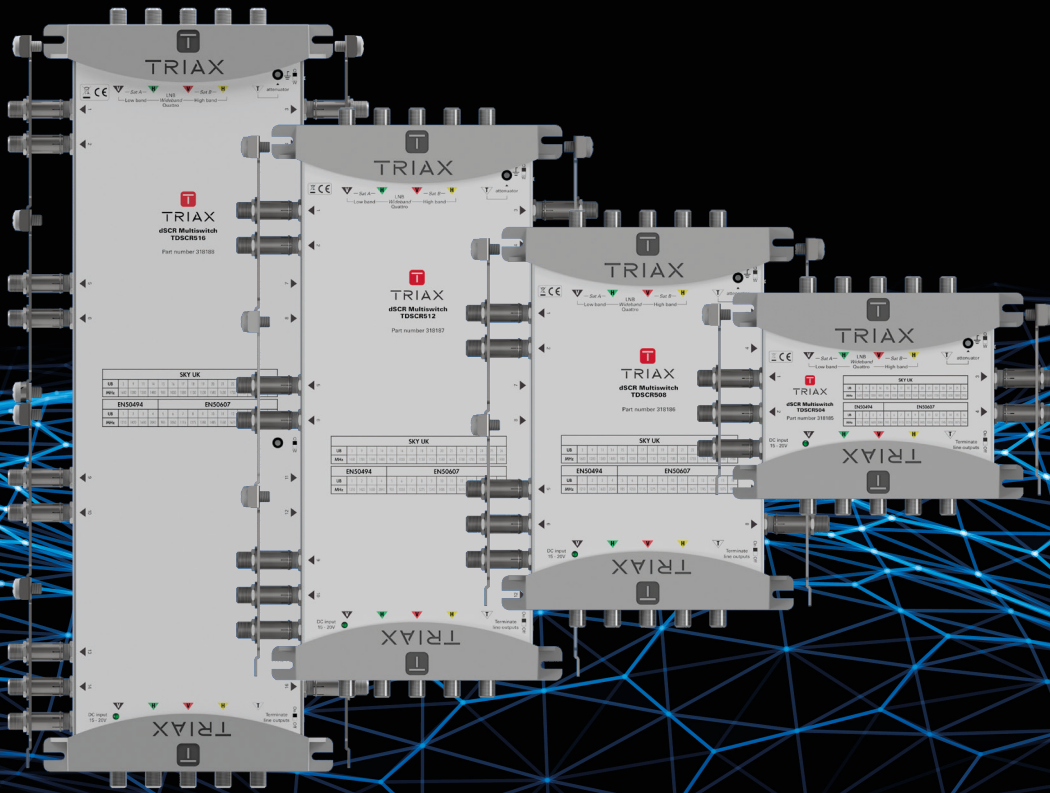




TRIAX

connecting the future



TRIAX dSCR multiswitches

Reduce installation costs with ultra low power consumption

TdSCR 504/508/512/516 multiswitches

The only switch you need

Independent outputs for legacy or dSCR mode; can be used as cascade, standalone or terminated.

Ultimate flexibility

With your choice of 4, 8, 12 or 16 outputs, TRIAX multiswitches are compatible with Quattro and Wideband LNBs, and support 1 or 2 satellite positions.

European IRS Certification Scheme

Certified to the EICS scheme demonstrating the high quality of the solution and compatibility with all major satellite and TV platforms.

Trust TRIAX

With 70 years of reliability and innovation, we ensure you live up to your own customer promises.

Reduce costs

Market-leading low power consumption means you can build large, cascadable systems with a single PSU connected at any point in the system.

Easy planning and installation

Simple integration with existing TRIAX solutions; 5x Quick F connectors included.

Safety first

Earth Bars included for all subscriber outputs.

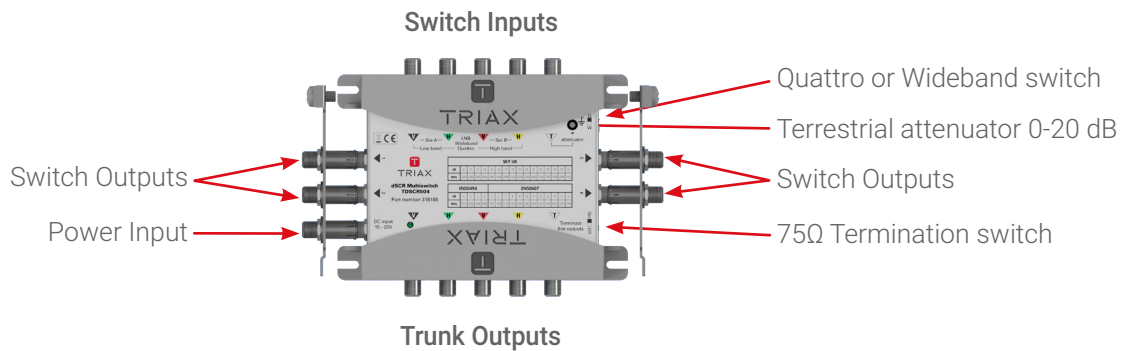
triax.uk



TRIAX

connecting the future

- 4, 8, 12 or 16 SCR/Legacy outputs
- 4 cascadable LNB inputs from 1 universal Quattro LNB
- 2 wideband LNB inputs (vertical, horizontal) for a 2 satellite installation
- Terrestrial Gain Control for signals 0–20dB
- DC input (for switch, line and LNB powering)
- 75Ω self-termination switch
- Can be used as a Cascade, Standalone or Terminated Multiswitch
- Balanced dSCR and Legacy output signal levels (AGC) for easy system planning and installation
- Each subscriber output provides dSCR, Legacy, TV and Radio
- Trunk outputs allow the cascade of multiple switches to support large installations
- The unit can be powered directly via the DC input port, or remotely via the trunk lines
- LTE Filter built in



Type		TdSCR504	TdSCR508	TdSCR512	TdSCR516
Art. No.		318185	318186	318187	318188
Inputs		4 x SAT (1 x Quattro or 2 x Wideband) + 1 x Terr.			
Impedance inputs/outputs	Ohm	75			
FREQUENCY RANGE - SAT					
- dSCR, Legacy	MHz	950 - 2150			
- Wideband	MHz	290 - 2340			
Frequency range Terr.	MHz	40-790, active			
Input power range/dSCR/Legacy	dBuV	70 - 100 (-38 to -8dBm)			
Output power range/dSCR/Legacy	dBuV	83 (-26dBm)/ 83 (-26dBm) +/-1dB with 2 carriers			
OPERATIONAL					
Insertion loss Terr.	dB	2 +/-2dB	4 +/-2dB	4 +/-4dB	1 +/-5dB
Attenuation Terr.	dB	0 to 20			
Max output power Terr.	dBuV	90			
Through loss SAT	dB	-2.5 +/-2dB	-4 +/-2dB	-5.5 +/-2dB	-9 +/-5dB
Through loss Terr.	dB	-3 +/-2dB	-3 +/-2dB	-4 +/-2dB	-7 +/-2dB
Isolation H/V	dB	25			
Return loss Inputs/Outputs	dB	10			
User band frequencies	MHz	SKY UK, EN50607, EN50494 (automatic selection)			
LNB Supply voltage	V	15 - 20			
Max LNB supply current	mA	1000			
Current consumption	mA	40	70	100	160
External/Trunk PSU	V	Yes (15 - 20)			
MECHANICAL					
Dimensions (LxBxH)	mm	191 x 136 x 52	191 x 237 x 52	191 x 335 x 52	191 x 446 x 52
Weight	g	520	980	1440	1980
Operational temperature range	°C	-20 to +50			
DC Connector type		F Connector			

For dSCR systems only use PSU codes 307780 or 307372 (depending on system size).
For T5 / TdSCR Hybrid Cascadable systems use PSU code 318151