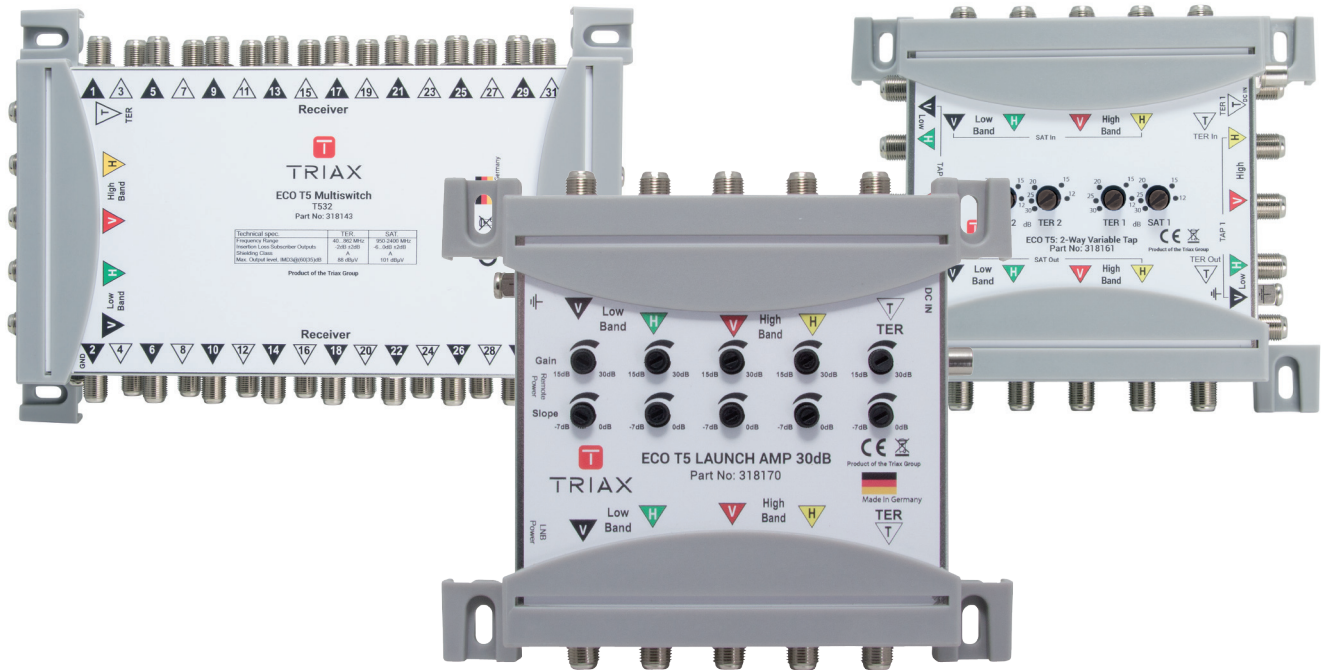




TRIAx

connecting the future



ECO T5 CASCADE Multiswitch Range

Featuring the new adjustable tap for excellent linearity across all polarities

Simplify your IRS installations

The range is designed with the latest chipset technology and offers financial gains for your business - saving you time and rationalising the products required.

Traditionally installs required a designated tap value per floor for balancing a system. The new, innovative TRIAX adjustable tap enables the same tap to be used on all floors, creating a balanced system with excellent linearity across all polarities.

Active, unity gain 5 input cascade switches are available in 5 sizes up to 32 outputs.

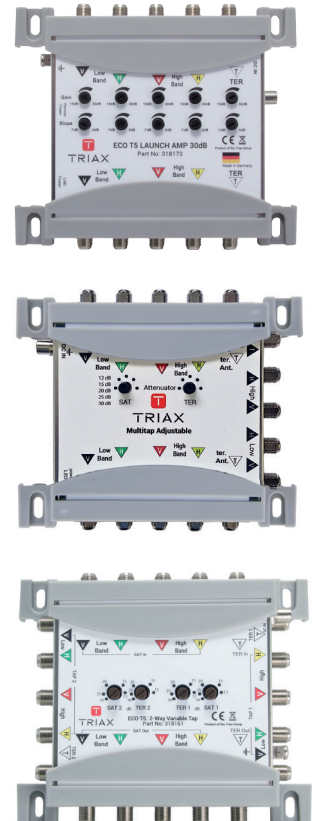


triaux.uk/multiswitches

T5 Amplifiers

T5 Amplifiers Technical Specification

Triax Part	318170	318171
Part Type	T5 Launch Amp	T5 Line Amp
Description	4 Sat 1 Terr Launch Amp	4 Sat 1 Terr Line Amp
Frequency Range SAT	950-2400MHz	
Frequency Range Terr	40-790MHz	
GAIN SAT	15-30dB±1dB	5-20dB±1dB
GAIN Terr	15-30dB±1dB	5-20dB±1dB
Slope Fixed	3dB	
Slope Adjust	7dB	n/a
Isolation Between Lines	>30dB	
Max O/P level SAT	118dBμV	112dBμV
Max O/P level Terr	110dBμV	105dBμV
Noise Figure	7dB	5dB
Current Consumption	300mA	220mA
PSU Option	Trunk or Direct	
Power Supply Voltage	15 Vdc	
Dimensions (LxWxH) mm	160x140x62	160x120x62
Weight	400g	350g
Operating Temperature	-20 to 70°C	



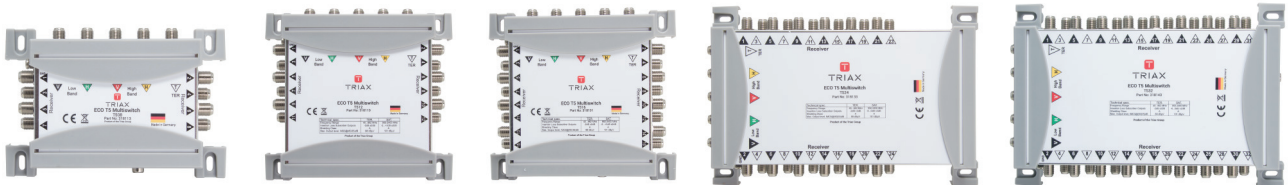
T5 Taps and Splitter

T5 Taps and Splitter Technical Specification

Triax Part	318160	318161	318180
Part Type	T5 Adj TAP, 1-way	T5 Adj TAP, 2-way	T5 2W SPLIT
Description	1 Way Variable Tap	2 Way Variable Tap	2 Way Splitter
Frequency Range SAT	950-2400MHz		
Frequency Range Terr	40-790MHz		
Tap Loss SAT 1	12 to 30dB adjustable ±1dB		4 to 5dB±1dB
Tap Loss Terr 1	12 to 30dB adjustable ±1dB		3 to 4dB±1dB
Tap Loss SAT 2	n/a	12 to 30dB adjustable ±1dB	4 to 5dB±1dB
Tap Loss Terr 2	7dB	12 to 30dB adjustable ±1dB	3 to 4dB±1dB
Through Loss SAT	1 to 2dB ±1dB	2 to 4dB ±1dB	n/a
Through Loss Terr	1dB ±0.5dB	3.5dB ±1dB	n/a
Current Consumption	Nominal 10mA (LED's only)		
PSU Option	Trunk or Direct	Trunk	Trunk or Direct
Power Supply Voltage	15 VDC		
Dimensions (LxWxH) mm	160x140x62		
Weight	400g		
Operating Temperature	-20 to 70°C		

T5 Multiswitches

Supplied with Earth Bond bars on Consumer Outputs



T5 Multiswitch Range Technical Specification

Triax Part	318113	318119	318101	318133	318143
Part Type	T508	T512	T516	T524	T532
Description	5 in 8 out	5 in 12 out	5 in 16 out	5 in 24 out	5 in 32 out
Frequency Range SAT	950-2400MHz				
Frequency Range Terr	40-790MHz				
Insertion Loss SAT	-2 to +2dB±2dB			-2 to +1dB±2dB	
Insertion Loss Terr	-2dB±2dB				
Isolation between lines	>30dB				
Max O/P level SAT	101dBμV				
Max O/P level Terr	88dBμV			91dBμV	
Current Consumption from STB	<35mA				
Current Consumption from PSU	70mA	120mA		240mA	
Power Supply Voltage	15 VDC				
Dimensions (LxWxH) mm	160x107x63	160x145x63		160x240x63	
Weight	350g	400g	420g	500g	550g
Operating Temperature	-20 to 70°C				

T5 Power Supply

TMS 1533 PSU Technical Specification

Triax Part	318151
Part Type	TMS1533-55
Description	15V 3.3A PSU
AC Supply Voltage	100 to 240 Vac
PSU Output Voltage	15 VDC
PSU Output max DC current	3.3A
Connector Type	2.5/5.1mm dc female
Operating Temperature	-20 to 50°C





TRIAx

Total Flexibility and System Integration

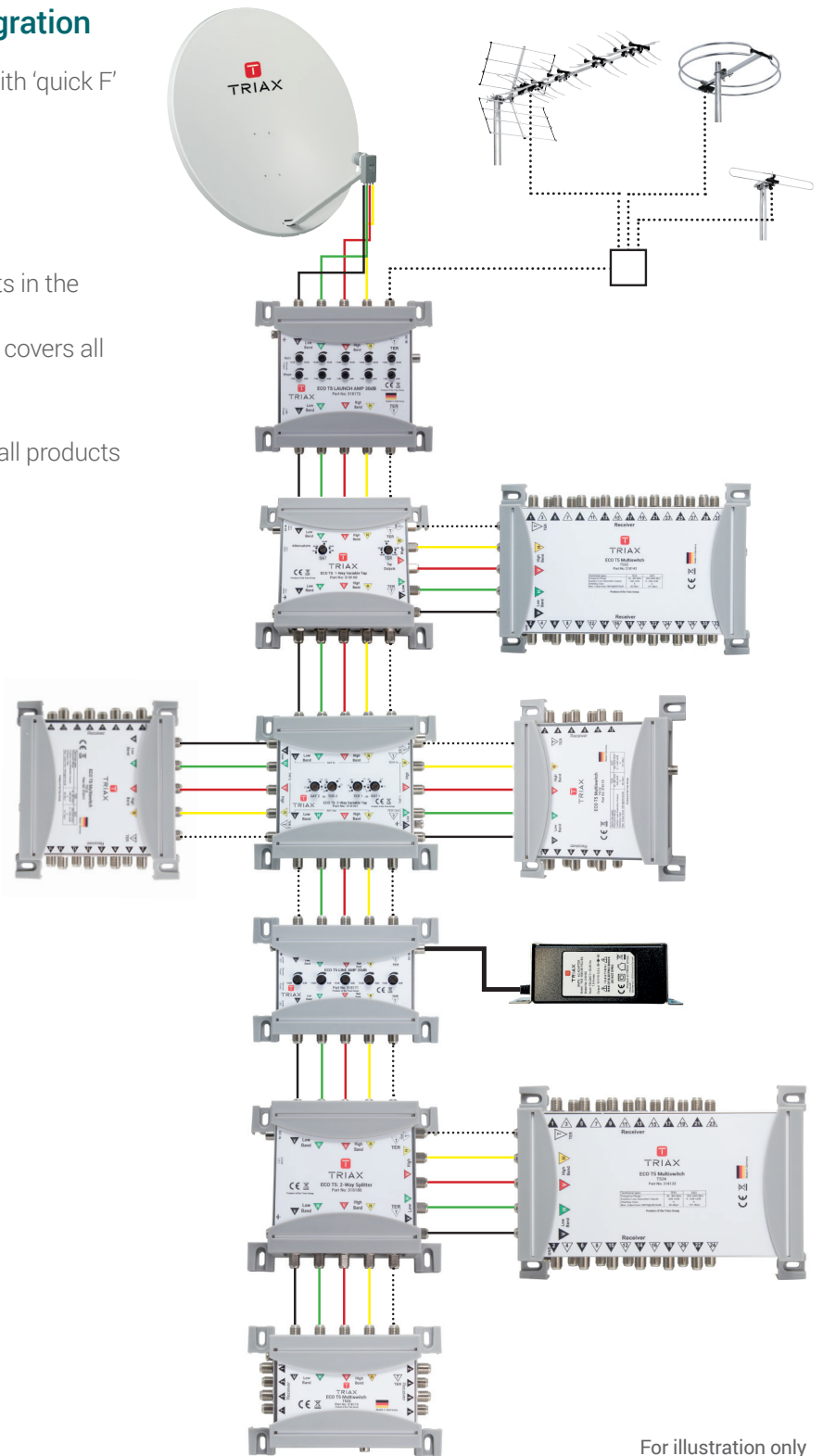
- Adjacent products can be connected with 'quick F' adaptors (370009)
- Side connections on all products
- Class A screening
- High isolation between signal lines
- Excellent linearity across polarities
- Power can be injected from many points in the system
- Two adjustable taps (1 way and 2 way) covers all attenuation values
- Compact Design – saves riser space
- Green LED indicates power present on all products

The T5 Advantage

- Complete, cost effective and flexible solution
- Integration and compliance with all dSCR switches
- Compatible with other IRS ranges
- Low Power consumption
- Small, Medium, Large and VERY large solutions.
- Easy planning using Triax Design On-Line
- UK Technical Support team

The Complete Range

- 318170 Launch Amplifier
- 318171 Line Amplifier
- 318160 1 Way Adjustable Tap
- 318161 2 Way Adjustable Tap
- 318180 2 Way Splitter
- 318113 T508 Cascade Multiswitch
- 318119 T512 Cascade Multiswitch
- 318101 T516 Cascade Multiswitch
- 318133 T524 Cascade Multiswitch
- 318143 T532 Cascade Multiswitch
- 318151 TMS 1533 PSU



For illustration only

