



## RANGE OF 5 WIRE CASCADABLE MULTISWITCHES

EUROPEAN QUALITY, DESIGN AND MANUFACTURE



### CONFIGURABLE ELEMENTS FOR BETTER SIGNAL ADJUSTMENT

This new range is composed of multiswitches, taps, splitters and line amplifiers for IRS installations for either star or cascade topology.

"Quad compatible" references available, they can be configured as stand alone, receiver powered or cascade configuration.

Thanks to the ECO system, the consumption decreases as the number of users is reduced.



### Product Range

REF.	DESCRIPTION	EAN 13
<b>QUAD COMPATIBLE MULTISWITCHES</b>		
714402	NEVOSWITCH 5x5x6 "F" TERM./CASC.+PSU QUAD-COM.	8424450172858
714403	NEVOSWITCH 5x5x8 "F" TERM./CASC.+PSU QUAD-COM.	8424450172865
714404	NEVOSWITCH 5x5x12 "F" TERM./CASC.+PSU QUAD-COM.	8424450172872
714405	NEVOSWITCH 5x5x16 "F" TERM./CASC.+PSU QUAD-COM.	8424450172889
<b>MULTISWITCHES</b>		
714501	NEVOSWITCH 5x5x4 "F" TERMINAL/CASCADE	8424450172711
714502	NEVOSWITCH 5x5x6 "F" TERMINAL/CASCADE	8424450172797
714503	NEVOSWITCH 5x5x8 "F" TERMINAL/CASCADE	8424450172803
714504	NEVOSWITCH 5x5x12 "F" TERMINAL/CASCADE	8424450172810
714505	NEVOSWITCH 5x5x16 "F" TERMINAL/CASCADE	8424450172827
714506	NEVOSWITCH 5x5x24 "F" TERMINAL/CASCADE	8424450172834
714507	NEVOSWITCH 5x5x32 "F" TERMINAL/CASCADE	8424450172841

REF.	DESCRIPTION	EAN 13
<b>TAPS AND SPLITTERS</b>		
714906	NEVOSWITCH TAP 5x5x5 "F" 8dB	8424450184998
714901	NEVOSWITCH TAP 5x5x5 "F" 12dB	8424450173404
714902	NEVOSWITCH TAP 5x5x5 "F" 15dB	8424450173411
714903	NEVOSWITCH TAP 5x5x5 "F" 20dB	8424450173428
714905	NEVOSWITCH SPLITTER 5x5x5 4/4dB	8424450173442
<b>LINE AMPLIFIERS</b>		
714508	NEVOSWITCH AMPLIF.5x5 "F" G12/15dB Vo110	8424450181614
714509	NEVOSWITCH AMPLIF.5x5 "F" G27/25dB Vo110	8424450173398
<b>POWER SUPPLY UNITS</b>		
732101	NEVOSWITCH PSU 12V-0,8A - 230Vac	8424450173909
732801	NEVOSWITCH PSU 12V-3A - 230Vac	8424450173497
593203	NEVOSWITCH PSU 12V-2A (ALL PLUGS-UL)	8424450173671

# RANGE OF 5 WIRE CASCADABLE MULTISWITCHES

## EUROPEAN QUALITY, DESIGN AND MANUFACTURE

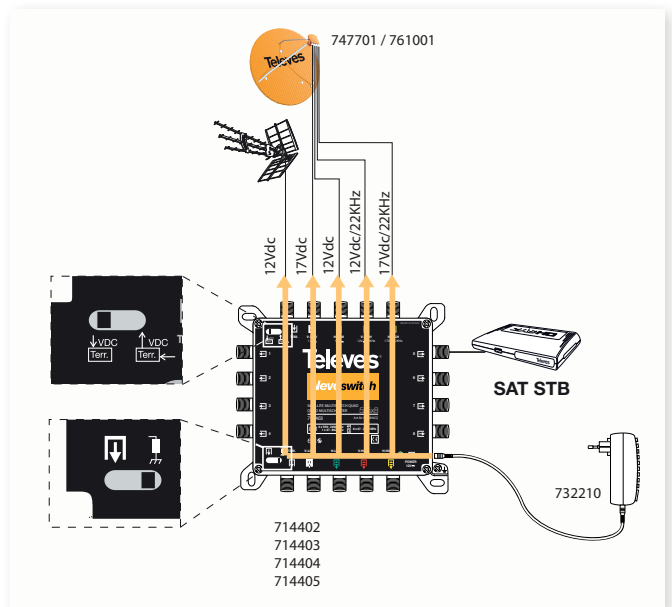
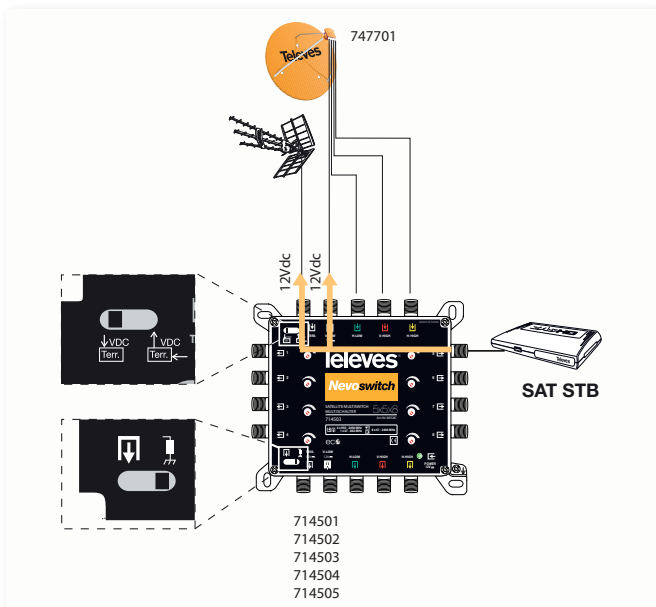
### ✔ Highlights

- Chassis made of **zamak**: radiation immune.
- Suitable for star/cascade system configurations.
- **Independent** Output Level **adjustment** (except QUAD compatible units).
- Low consumption **ECO mode**.

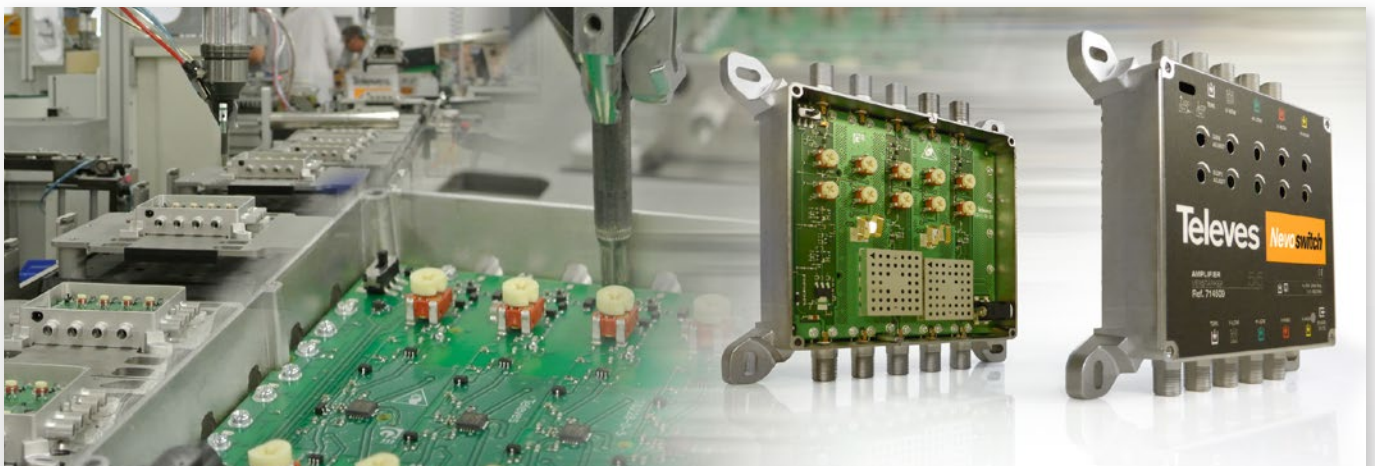
### ✔ Main Features

- **Small size and compact** design.
- Cascable and Standalone configuration in the same reference.
- **Independent line-amplifier** level adjustment.
- **Multiple powering options** (Jack, VLow, Terrestrial Input/Output and user outputs)
- **Independent output level adjustment**.

### ✔ Application Example



### ✔ Manufacturing



Manufactured and verified in our robotized lines.

# RANGE OF 5 WIRE CASCADABLE MULTISWITCHES

EUROPEAN QUALITY, DESIGN AND MANUFACTURE

## ✓ Technical Specifications

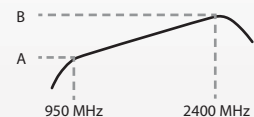
Technical specifications			714501	714502	714503	714504	714505	714506	714507	714402	714403	714404	714405													
Type			5x5x4	5x5x6	5x5x8	5x5x12	5x5x16	5x5x24	5x5x32	QUAD																
										5x5x6	5x5x8	5x5x12	5x5x16													
Frequency margin	MHz	SAT	950-2400						950-2400																	
		RF	47-862						47-862																	
Input level	dBμV	SAT	105						105																	
		RF	92						92																	
Maximum gain		SAT	-						-																	
		RF	-						-																	
Through losses	dB	SAT	1.5...4		3 ... 8		4.5 ... 12		6 ... 16		1.5 ... 4		3 ... 8													
		RF	2		4		6		9		2		4													
Tap losses <sup>1</sup> 1...8 / 9...16 / 17...24 / 25...2		SAT	1 <sup>1</sup> /-/-		1 <sup>1</sup> /2/-		1 <sup>1</sup> /2/5/-		1 <sup>1</sup> /2/5/8		1 <sup>1</sup> /-/-		1 <sup>1</sup> /2/-													
		RF	2/-/-		2/4/-		2/4/6/-		2/4/6/8		2/-/-		2/4/-													
IN-OUT isolation	SAT		>30						>30																	
Powering	Vdc		12						12																	
DC pass			In-Out / Out-In						In-Out / Out-In																	
Total maximum consumption	mA	Power Supply 12Vdc (PWR)	65 ± 5		105 ± 10		130 ± 10		200 ± 15		235 ± 25		65 ± 5		105 ± 10		130 ± 10									
		Receiver (12/18V)	33 <sup>3</sup>						33 <sup>3</sup>																	
Temperature range	°C		-5...+45 °C						-5...+45 °C																	
Protection Index	IP		IP20						IP20																	
Weight	g		365		400		765		800		1200		1600		400		765		800							
Dimensions	mm		137x120x30				137x253x30				137x383x30				137x519x30				137x120x30				137x253x30			

Technical Specifications			714906	714901	714902	714903	714905	714509	714508
Type			5x5x5	5x5x5	5x5x5	5x5x5	5x5x5	5x5	5x5
Frequency margin	MHz	SAT	950-2400				950-2400		
		RF	47-862				47-862		
Input level	dBμV	SAT	-				110		
		RF	-				110		
Maximum gain		SAT	-				25		15
		RF	-				27		12
Through losses	dB	Slope	-				0...7		
		SAT	3,5±0,8		1,5 ±0,5		4 ± 1		-
Tap losses <sup>1</sup> 1...8 / 9...16 / 17...24 / 25...2		RF	3,5±4		1,5 ±0,5		4 ± 1		-
		SAT	8±1,5		15 ± 3	17 ± 3	21 ± 3	-	
IN-OUT isolation	SAT		>25				>25		
Powering	Vdc		-				12		
DC pass			-				In-Out / Out-In		
Total maximum consumption	mA	Power Supply 12Vdc (PWR)	-				420		
		Receiver (12/18V)	-				-		
Temperature range	°C		-5...+45 °C				-5...+45 °C		
Protection Index	IP		IP20				IP20		
Weight	g		400				400		
Dimensions	mm		137x120x30				137x120x30		



A multiswitch that is QUAD compatible is able to feed every satellite input with the accurate voltage (12V or 17V) and tone (22kHz) to use it with a LNB QUAD, so there is no need to identify the satellite cables between the LNB and the multiswitch.

- (1) Adjustable -12dB.
- (2) Typical values. Dispersion <5dB.



- (3) 33 x no. of users + PWR, without a PSU.

