



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
QUAD COMPATIBLE MULTISWITCHES		
714413	NEVOSWITCH 5x5x8 F TERM./CASC. QUAD + PSU. UK	8424450177891
714414	NEVOSWITCH 5x5x12 TERM./CASC. QUAD + PSU. UK	8424450177877
714415	NEVOSWITCH 5x5x16 TERM./CASC. QUAD + PSU. UK	8424450177884
714416	NEVOSWITCH 5x5x24 TERM./CASC. QUAD + PSU. UK	8424450187555
714417	NEVOSWITCH 5x5x32 TERM./CASC. QUAD + PSU. UK	8424450187562
MULTISWITCHES		
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
TAPS AND SPLITTERS		
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
LINE AMPLIFIERS		
714508	NEVOSWITCH AMPLIF.5x5 "F" G12/15dB Vo110	8424450181614
714509	NEVOSWITCH AMPLIF.5x5 "F" G27/25dB Vo110	8424450173398
POWER SUPPLY UNITS		
732101	NEVOSWITCH PSU 12V-0,8A - 230Vac	8424450173909
732210	NEVOSWITCH PSU 12V-1,5A - 110/230Vac UK	8424450175163
732801	NEVOSWITCH PSU 12V-3A - 230Vac	8424450173497

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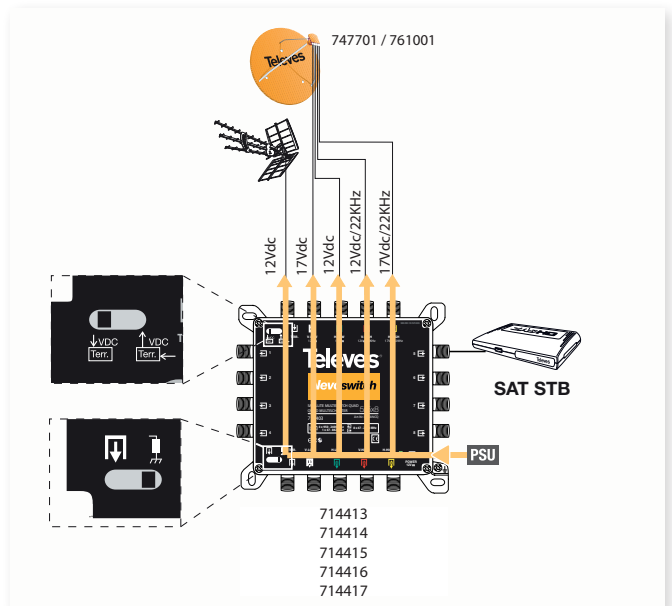
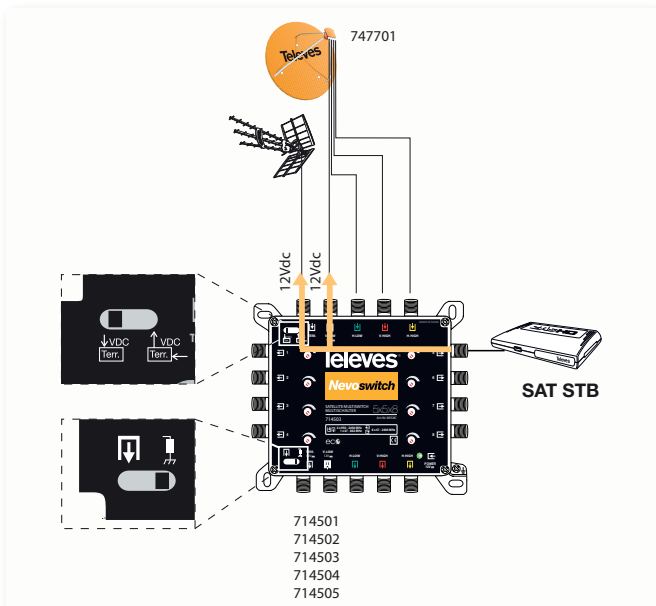
✔ Highlights

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

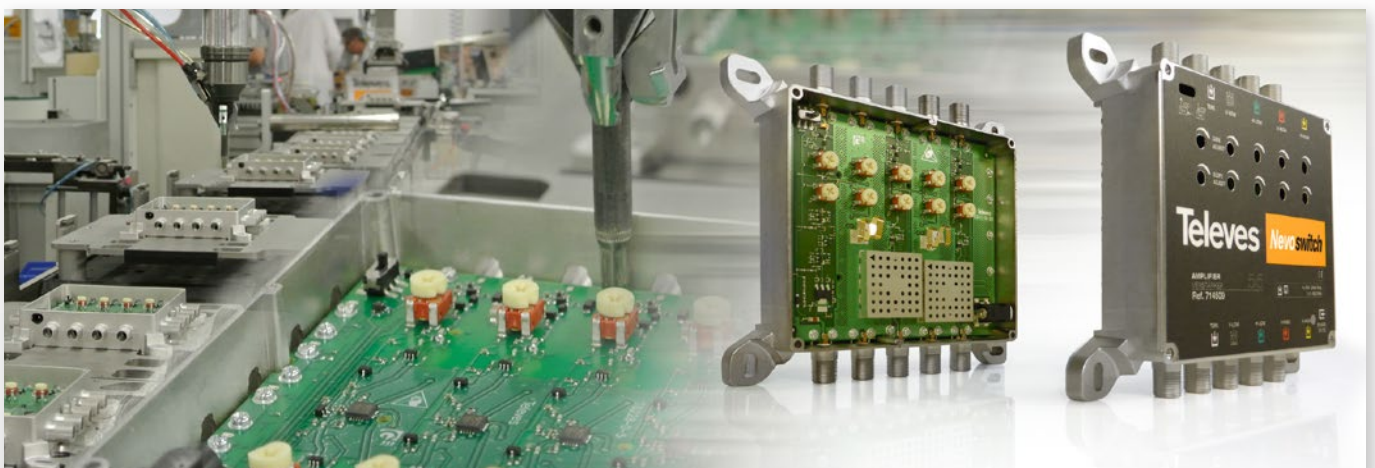
✔ Main Features

- **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.

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EUROPEAN QUALITY, DESIGN AND MANUFACTURE

Technical Specifications

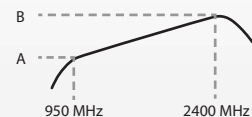
Technical specifications			714501	714502	714503	714504	714505	714506	714507	714413	714414	714415	714416	714417					
Type			5x5x4	5x5x6	5x5x8	5x5x12	5x5x16	5x5x24	5x5x32	QUAD					5x5x8	5x5x12	5x5x16	5x5x24	5x5x32
Frequency margin	MHz	SAT	950-2400							950-2400									
		RF	47-862							47-862									
Input level	dBµV	SAT	105							105									
		RF	92							92									
Maximum gain		SAT	-							-									
		RF	-							-									
Through losses		SAT	1.5...4		3 ... 8		4.5 ... 12		6 ... 16		1.5 ... 4		3 ... 8		4.5 ... 12		6 ... 16		
		RF	2		4		6		9		2		4		6		9		
Tap losses ¹ 1...8 / 9...16 / 17...24 / 25...2	dB	SAT	1 ¹ /-/-		1 ¹ /2/-		1 ¹ /2/5/-		1 ¹ /2/5/8		1 ¹ /-/-		1 ¹ /2/-		1 ¹ /2/5/-		1 ¹ /2/5/8		
		RF	2/-/-		2/4/-		2/4/6/-		2/4/6/8		2/-/-		2/4/-		2/4/6/-		2/4/6/8		
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)	40		85	105	175	210		40	85	105	175	210					
		Receiver (12/18V)	33 ³							33 ³									
Temperature range	°C		-5...+45 °C							-5...+45 °C									
Protection Index	IP		IP20							IP20									
Weight	g lb		365 0.80	400 0.88	765 1.68	800 1.76	1200 2.64	1600 3.52		400 0.88	765 1.68	800 1.76	1200 2.64						
		Dimensions	mm inch		137x120x30 5.39x4.72x1.18		137x253x30 5.39x9.96x1.18		137x383x30 5.39x15.07x1.18		137x519x30 5.39x20.43x1.18		137x120x30 5.39x4.72x1.18		137x253x30 5.39x9.96x1.18		137x383x30 5.39x15.07x1.18		

Especificaciones técnicas			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
Equalizer	SAT		-					0...7	
Through losses	dB	Slope	3,5±0,8		1,5 ±0,5		4 ± 1		-
		RF	3,5±4		1,5 ±0,5		4 ± 1		-
Tap losses ¹ 1...8 / 9...16 / 17...24 / 25...2	dB	SAT	8±1,5	15 ± 3	17 ± 3	21 ± 3	-	-	
		RF	8±1	12 ± 1	15 ± 1	20 ± 1	-	-	
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 lb		400					400 0.88	
		Dimensions	mm inch		137x120x30		137x120x30 5.39x4.72x1.18		



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.

