

NP100

100 products in 18 months



easyF



NEW DISTRIBUTION RANGE

MORE RELIABILITY IN LESS SPACE

EASY F V2.0

A **new concept in design and manufacturing** which results in a reduction in size and improving their technical characteristics:

✓ Automated inner contact connection

- Less through losses.
- Automated system to insert the inner contact of the easyF connection which:
 - ▶ Optimizes the electromagnetic behavior at high frequencies.
 - ▶ Reinforces Televés' commitment to the environment by eliminating the pollution caused by the welding process and by reducing the electric power consumption in production.

✓ Size reduction

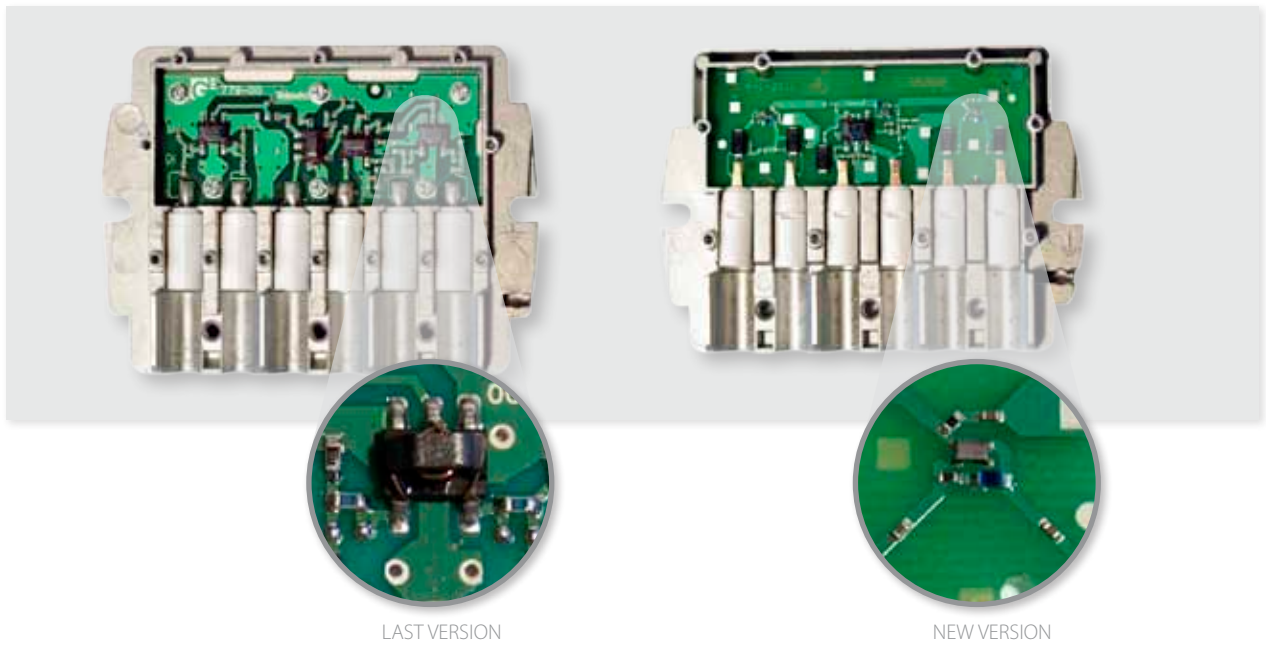
- Makes it even easier to use in small registers and sites.
- The use of microcomponents improves the electrical behaviour and reduces the effects of impulsive noise.
- Replacing manual manufacturing transformers by auto manufacturing SMD transformers (2mm x 1,20mm)

EASY F V2.0

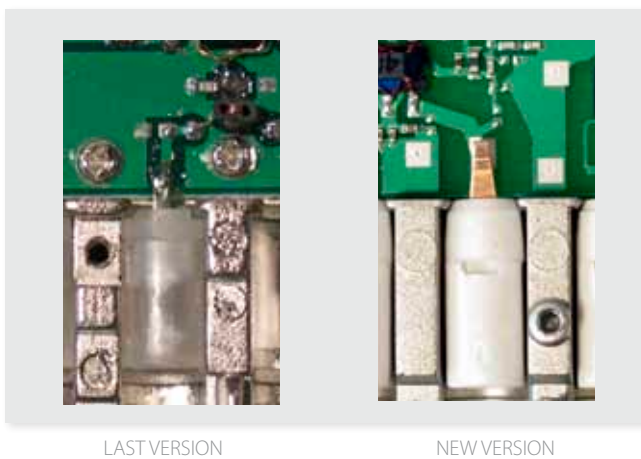
MORE MINIATURIZATION AND LESS WELDING MEANS A MORE ECOLOGICAL AND RELIABLE PRODUCTION
USE OF SMALLER COMPONENTS AMONG WHICH STAND OUT THE RF BALUN-TRAFO (2 x 1,20 MM)

COMPARATIVE NEW MODEL VS PREVIOUS ONE

USE OF SMALLER COMPONENTS (2MM X 1,20MM) IN COMPARISON TO THE PREVIOUS MODEL.
MORE RELIABILITY IN LESS SPACE



AUTOMATED INNER CONTACT CONNECTION



EASY F V2.0

PRODUCT RANGE

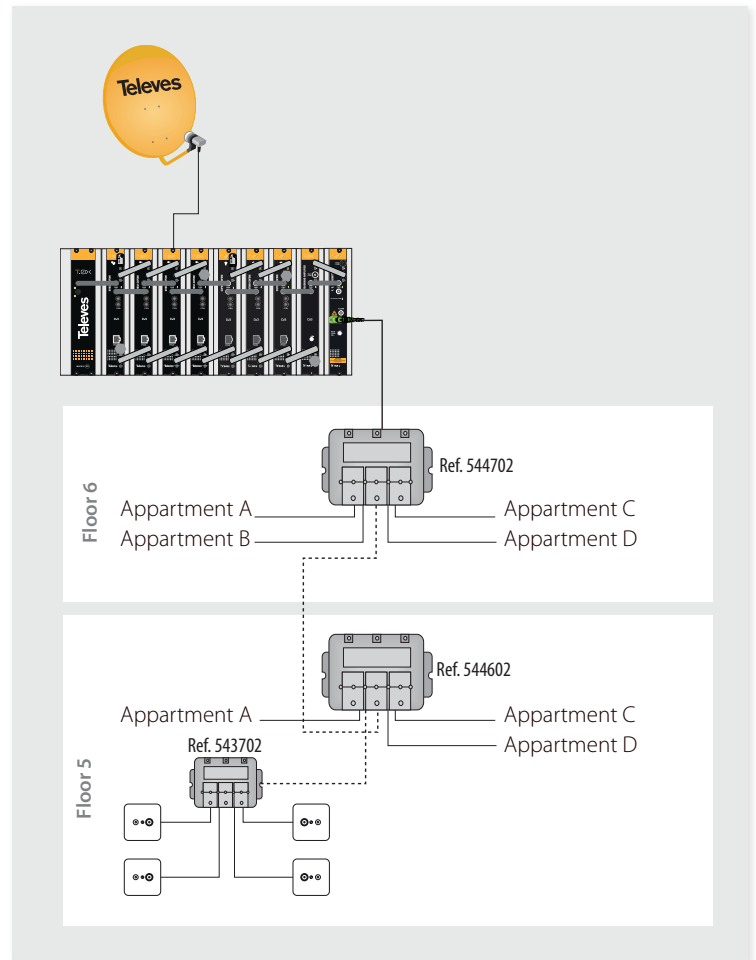
REF	2W TAPS	EAN 13 CODE
542502	12 dB	8424450143599
542602	16 dB	8424450143605
542702	20 dB	8424450143629
542802	25 dB	8424450143612

REF	4W TAPS	EAN 13 CODE
544402	12 dB	8424450143766
544502	16 dB	8424450143773
544602	20 dB	8424450143780
544702	25 dB	8424450143797

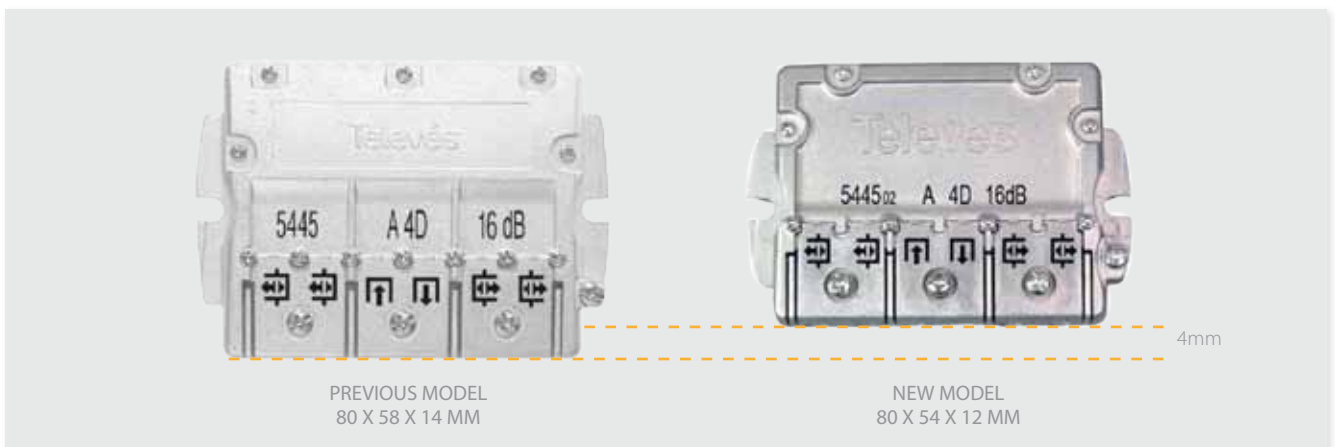
REF	SPLITTERS	EAN 13 CODE
543502	2W DC bypass	8424450143704
543602	3W DC bypass	8424450143728
543702	4W DC bypass	8424450143735
543802	5W DC bypass	8424450143742

REF	PAU-SPLITTERS	EAN 13 CODE
542902	2W	8424450143636
543902	3W	8424450143759
544902	4W	8424450143803

TYPICAL APPLICATION



DIMENSIONS



EASY F V2.0

TECHNICAL SPECIFICATIONS

Reference		542502	542602	542702	542802	
Floor		1	2 - 3	4 - 6	7 - 12	
Frequency range		MHz				
		5 - 2400	5 - 2400	5 - 2400	5 - 2400	
Attenuation IN-OUT	5 - 47 MHz	dB	2	1,5	0,6	0,6
	47 - 862 MHz		3 - 4	1	0,5	0,5
	950 - 2400 MHz		4,5	1 - 2,2	0,5 - 2,2	0,5 - 2,2
Attenuation IN-TAP	5 - 47 MHz	dB	14	16	19	26
	47 - 862 MHz		14	16	20	24
	950 - 2400 MHz		12	17	21	25
Rejection between outputs	5 - 862 MHz	dB	>37	>42	>30	>30
	950 - 2400 MHz		>31	>34	>22	>23
Max. Voltage		Vdc				
		40				
Max. Current bypass		mA				
		300				

Referencia		544402	544502	544602	544702	
Floor		1	2 - 3	4 - 5	6 - 8	
Frequency range		MHz				
		5 - 2400	5 - 2400	5 - 2400	5 - 2400	
Attenuation IN-OUT	5 - 47 MHz	dB	3,7	2,5	1,5	0,5
	47 - 862 MHz		3,5	3,3	0,8	0,5
	950 - 2400 MHz		4,2	3,5	1 - 1,8	0,5 - 2,1
Attenuation IN-TAP	5 - 47 MHz	dB	13	19	20	26
	47 - 862 MHz		13	17	21	26
	950 - 2400 MHz		12,5	15,5	21	24
Rejection between outputs	5 - 862 MHz	dB	>28	>27	>28	>30
	950 - 2400 MHz		>21	>20	>22	>25
Max. Voltage		Vdc				
		40				
Max. Current bypass		mA				
		300				

Referencia		543502	543602	543702	543802	
Frequency range		MHz				
		5 - 2400	5 - 2400	5 - 2400	5 - 2400	
Attenuation IN-OUT	5 - 47 MHz	dB	4,4	8,5 (5,5 OUT 3)	9,3	10
	47 - 862 MHz		4,5	9 (5 OUT 3)	9	10
	950 - 2400 MHz		4,3	8 (4 OUT 3)	7,5	9,5 - 12
Rejection between outputs	5 - 47 MHz	dB	>15	>15	>17	>15
	950 - 2400 MHz		>15	>15	>15	>15
Max. Voltage		Vdc				
		40				
Max. Current bypass		mA				
		300				

Referencia		542902	543902	544902	
Frequency range		MHz			
		5 - 2400	5 - 2400	5 - 2400	
Attenuation IN-OUT	5 - 47 MHz	dB	4,4	8,5 (5,5 OUT 3)	9,3
	47 - 862 MHz		4,5	9 (5 OUT 3)	9
	950 - 2400 MHz		4,3	8 (4 OUT 3)	7,5
Rejection between outputs	5 - 47 MHz	dB	>15	>15	>17
	950 - 2400 MHz		>15	>15	>15
Max. Voltage		Vdc			
		40			
Max. Current bypass		mA			
		300			