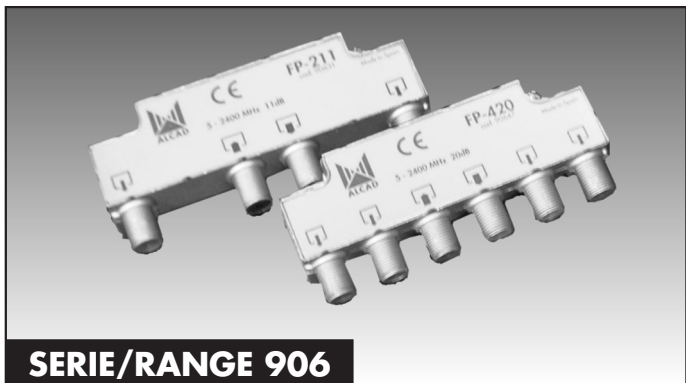




- ▶ DERIVADORES FI
- ▶ IF TAP-OFFS
- ▶ DERIVATEURS BIS
- ▶ DERIVADORES FI
- ▶ ZF ABZWEIGER



**SERIE/RANGE 906**

# CARACTERISTICAS PRINCIPALES

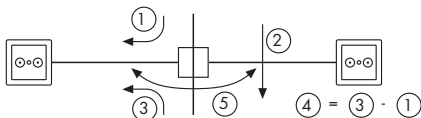
## MAIN FEATURES

### PRINCIPALES CARACTERISTICAS

### CARACTERISTICAS PRINCIPALI

### WESENTLICHE KENNZEICHEN

CODIGO-CODE-CODE-CODIGO-CODE		90631	90632	90643	90644		
TIPO-TYPE-TYPE-TIPO-TYP		FP-211	FP-217	FP-223	FP-226		
CONECTOR CONNECTOR CONNECTEUR CONECTOR STECKER		F					
SALIDAS OUTPUTS SORTIES SAIDAS AUSGANGE		2					
RANGO DE FRECUENCIAS FREQUENCY RANGE GAMME DE FREQUENCE RANGO DE FRECUENCIAS FREQUENZBEREICH		MHz	5 - 2400				
①	ATENUACION DE DERIVACION TAP LOSS	5-862 MHz	11,0	17,0	23,0	26,0	
	ATTENUATION DE DERIVATION	930-2150 MHz	11,0	17,0	23,0	26,0	
	ATENUAÇÃO DE DERIVAÇÃO ABZWEIGDAMPFUNG	2150-2400 MHz	±2,0	12,0	18,5	24,0	26,0
②	ATENUACION DE PASO THROUGH LOSS	5-862 MHz	2,5	1,8	1,6	1,6	
	ATTENUATION DE PASSAGE	930-2150 MHz	dB	2,5 - 4,0	1,8 - 3,0	1,6 - 2,6	1,6 - 2,6
	ATENUAÇÃO DE PASSAGEM DURCHGANGSDAMPFUNG	2150-2400 MHz	±0,5	4,0 - 4,5	3,0 - 3,5	2,6 - 3,3	2,6 - 3,3
④	DIRECTIVIDAD DIRECTIVITY	5-862 MHz	> 15,0	> 17,0	> 18,0	> 18,0	
	DIRECTIVITE	930-2150 MHz	> 5,0	> 5,0	> 5,0	> 5,0	
	DIRECTIVIDAD DIRECTIVIDADE	2150-2400 MHz	> 5,0	> 5,0	> 5,0	> 5,0	
⑤	DESACOPLO ISOLATION	5-862 MHz	> 30,0	> 30,0	> 40,0	> 50,0	
	DECOUPLAGE	930-2150 MHz	dB	> 22,0	> 25,0	> 35,0	> 40,0
	ISOLAMENTO ENTKOPPLUNG	2150-2400 MHz	> 20,0	> 25,0	> 35,0	> 40,0	
	PERDIDAS DE RETORNO RETURN LOSS	5-862 MHz	> 12,0	> 15,0	> 17,0	> 17,0	
	PERTES DE RETOUR	930-2150 MHz	dB	> 12,0	> 15,0	> 15,0	> 15,0
	PERDAS DE RETORNO RÜCKFLUßDAMPFUNG	2150-2400 MHz	> 15,0	> 15,0	> 15,0	> 15,0	



# CARACTERISTICAS PRINCIPALES

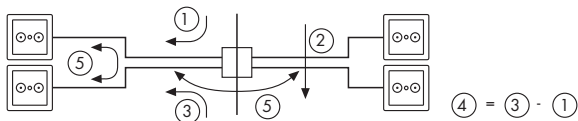
## MAIN FEATURES

### PRINCIPALES CARACTERISTICAS

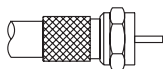
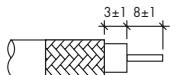
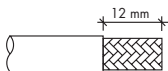
### CARACTERISTICAS PRINCIPAI

### WESENTLICHE KENNZEICHEN

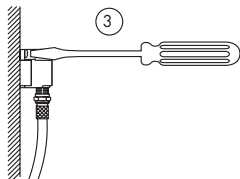
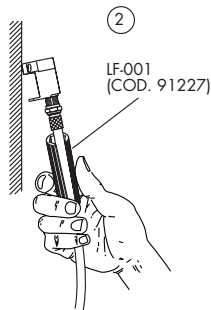
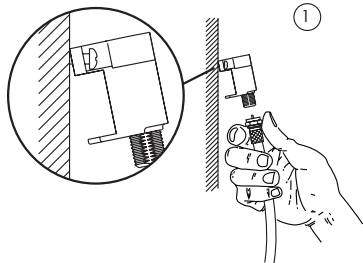
CODIGO-CODE-CODE-CODIGO-CODE		90646	90647	90648		
TIPO-TYPE-TYPE-TIPO-TYP		FP-414	FP-420	FP-426		
CONECTOR CONNECTOR CONNECTEUR CONECTOR STECKER		F				
SALIDAS OUTPUTS SORTIES SAIDAS AUSGÄNGE		4				
RANGO DE FRECUENCIAS FREQUENCY RANGE GAMME DE FREQUENCE RANGO DE FRECUENCIAS FREQUENZBEREICH		MHz	5 - 2400			
①	ATENUACION DE DERIVACION TAP LOSS	5-862 MHz	14,0	20,0	26,0	
	ATTENUATION OF DERIVATION	930-2150 MHz	dB	14,0	20,0	26,0
	ATENUAÇÃO DE DERIVAÇÃO ABZWEIGDAMPFUNG	2150-2400 MHz	±2,0	15,0	20,0	25,0
②	ATENUACION DE PASO THROUGH LOSS	5-862 MHz	4,5	1,2	0,8	
	ATTENUATION OF PASSAGE	930-2150 MHz	dB	4,5 - 5,7	1,2 - 2,6	0,8 - 1,8
	ATENUAÇÃO DE PASSAGEM DURCHGANGSDAMPFUNG	2150-2400 MHz	±0,5	5,7 - 6,5	2,6 - 3,0	1,8 - 2,3
④	DIRECTIVIDAD DIRECTIVITY	5-862 MHz	> 13,0	> 18,0	> 18,0	
	DIRECTIVITE	930-2150 MHz	dB	> 10,0	> 10,0	> 10,0
	DIRECTIVIDADE	2150-2400 MHz	> 10,0	> 5,0	> 5,0	
⑤	DESACOPLO ISOLATION	5-862 MHz	> 16,0	> 18,0	> 20,0	
	DECOUPLAGE	930-2150 MHz	dB	> 17,0	> 18,0	> 20,0
	ISOLAMENTO ENTKOPPLUNG	2150-2400 MHz	> 20,0	> 22,0	> 30,0	
	PERDIDAS DE RETORNO RETURN LOSS	5-862 MHz	> 12,0	> 17,0	> 17,0	
	PERTES DE RETOUR	930-2150 MHz	dB	> 10,0	> 12,0	> 12,0
	PERDAS DE RETORNO RÜCKFLUßDAMPFUNG	2150-2400 MHz	> 14,0	> 12,0	> 12,0	



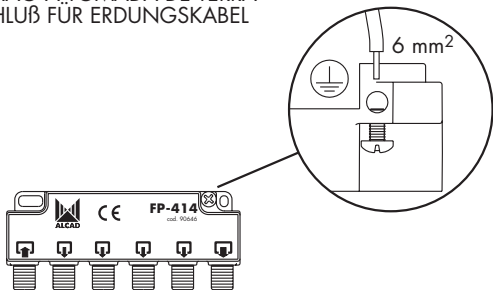
- ▶ COMO PREPARAR LOS CONECTORES F
- ▶ HOW TO PREPARE THE F CONNECTORS
- ▶ COMMENT PREPARER LES CONNECTEURS F
- ▶ COMO PREPARAR OS CONECTORES F
- ▶ KABEL VORBEREITUNG FÜR F-STECKER



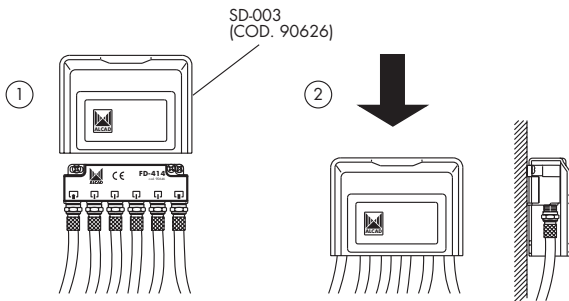
- ▶ INSTALACION
- ▶ INSTALLATION
- ▶ INSTALLATION
- ▶ INSTALAÇÃO
- ▶ ANLAGE



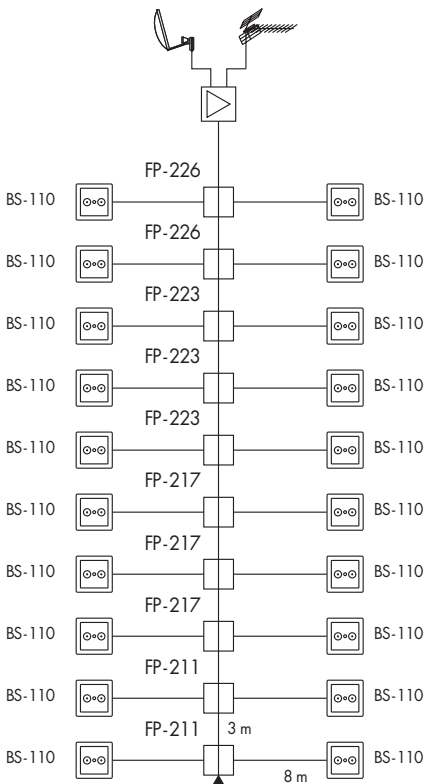
- ▶ CONEXION A TIERRA
- ▶ DOWN TO EARTH CONNECTION
- ▶ MISE A LA TERRE
- ▶ CONEXÃO A TOMADA DE TERRA
- ▶ ANSCHLUß FÜR ERDUNGSKABEL



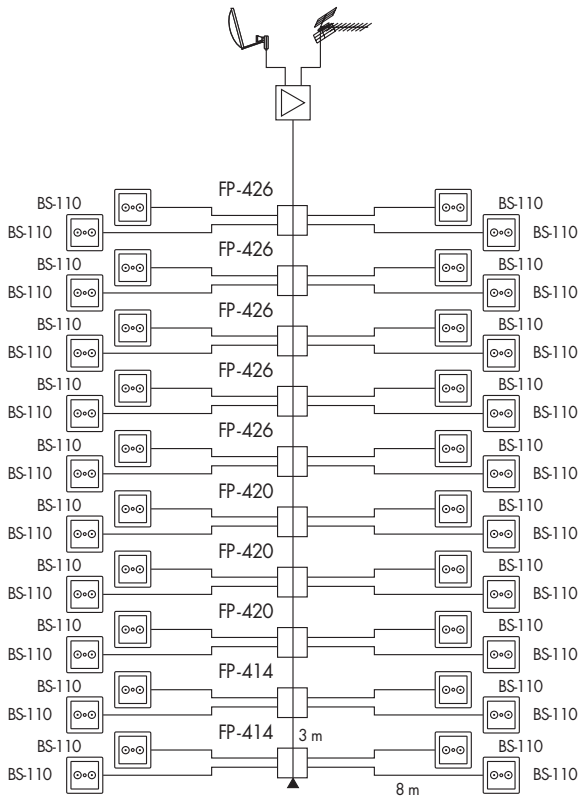
- ▶ MONTAJE EN INTEMPERIE
- ▶ OUTDOORS MOUNTING
- ▶ MONTAGE EXTERNE
- ▶ MONTAGEM EM INTEMPERIE
- ▶ AUßENMONTAGE



- ▶ ESQUEMA CON 2 VIVIENDAS POR PLANTA
- ▶ SCHEMA FOR 2 FLATS PER FLOOR
- ▶ ESQUEMA POUR 2 LOGEMENTS PAR ETAGE
- ▶ ESQUEMA CON 2 VIVIENDAS POR PLANTA
- ▶ SCHEMA FÜR INSTALLATION MIT 2 ANSCHÜSSEN PRO ETAGE



- ▶ ESQUEMA CON 4 VIVIENDAS POR PLANTA
- ▶ SCHEMA FOR 4 FLATS PER FLOOR
- ▶ ESQUEMA POUR 4 LOGEMENTS PAR ETAGE
- ▶ ESQUEMA CON 4 VIVIENDAS POR PLANTA
- ▶ SCHEMA FÜR INSTALLATION MIT 4 ANSCHÜSSEN PRO ETAGE





## DECLARATION OF CONFORMITY

according to EN 45014

**Manufacturer's Name:** ALCAD, S.A.

**Manufacturer's Address:** Polígono Industrial de Ventas  
C/Gabiria, 15 - Apdo. 455  
**20305 IRUN** (Guipúzcoa)  
**SPAIN**

declares that the product

**Product Name:** 906 Series: TAP-OFFS

**Model Number(s):** FP-211, FP-217, FP-223, FP-226, FP-414, FP-420,  
FP-426

**Product Option(s):** INCLUDING ALL OPTIONS

is in conformity with:

Safety: EN50083-1

EMC: EN 50083-2, EN 50081-1 Electromagnetic Compatibility for Equipment  
IEC 61000-4-2:1995 / EN 50082-1:1997 ESD 8KV AD, 4KV CD.  
IEC 61000-4-4:1995 / EN 50082-1:1997 EFT 0,5KV- 5KHz Sig. Lines, 1KV-5KHz Power Lines.  
IEC 61000-4-5:1995 / EN 50082-1:1997 CWG 1KV Power Lines.  
IEC 61000-4-11:1994 / EN 50082-1:1997 Dips and Variation.

Technical Features : EN50083-4

### Supplementary Information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/ECC and the EMC Directive 89/336/EEC and their relevant amendments, gathered under the directives 93/68/EEC.

Note: to comply with these directives, do not use the products without covers and operate the system as specified.



Irún,

22-06-01

Date

Anton Galarza / General Manager



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ISO 9001

