

FMC Series

SAT-IF cascadable multiswitches.
4, 8, 12 & 16 SAT inputs + 1 Terrestrial input.

APPLICATION

For the distribution of satellite TV signal up to 16 polarities. Each user receives both satellite and terrestrial signal by only one coaxial cable and any satellite polarisation can be selected from each user's receiver.

CHARACTERISTICS

- Low cascading loss at high subscriber extensions.
- Cascade distribution of 4, 8 and 16 satellite polarizations.
- Input for terrestrial signal, compatible with terrestrial digital broadcast (DVB-T).
- Control by voltage/tone from the user's receiver. Satellite selection through Di-SEqC 2.0.-2.1.
- The high selectivity of the input filters guarantees the maximum quality of the signal.
- Terminal multiswitches and amplifiers: power supply included.
- LNB Quattro & LNB Quad compatible.



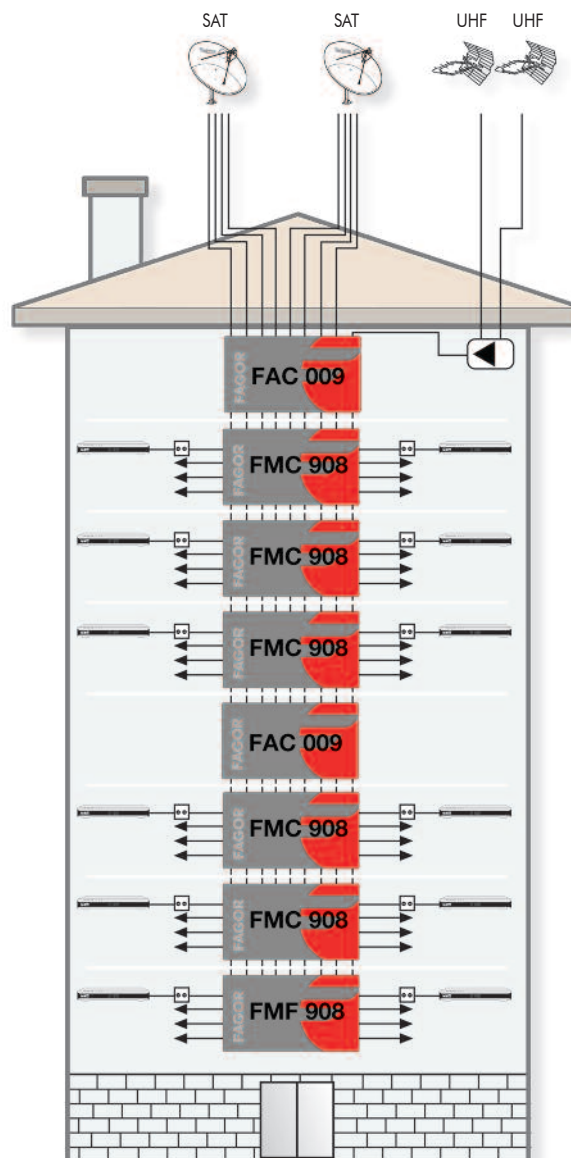
HEADENDS

POWER SUPPLY WITH EUROPEAN PLUG



MODEL	SPS 1825	
Reference	86430	
Output voltage	18 Vcc 2.5A	
Input voltage	Vac	80-260

8 POLARITIES/ 48 SUBSCRIBERS



FMC Series

5 INPUTS SYSTEM

SAT-IF cascade multiswitches 4 SAT inputs + 1 Terrestrial input.

APPLICATION

For the distribution of satellite TV signal up to 5 polarities. Each user receives both satellite and terrestrial signal by only one coaxial cable.

FEATURES

- FMC series, cascade models, FMF series final models.
- Input for terrestrial signal, compatible with terrestrial digital broadcast (DVB-T).
- Control by voltage/tone from the user's receiver. Satellite selection through DiSEqC 2.0.-2.1.
- FBF models include power supply SPS 1825.



MODEL		FMC 508	FMC 512	FMC 516	FMC 524	FMC 532	FMF 508	FMF 512	FMF 516	FMF 524	FMF 532
Reference		86432	86433	86434	86445	86446	86460	86461	86462	86463	86464
Inputs		4 SAT + 1 TERR									
Subscriber outputs		8	12	16	24	32	8	12	16	24	32
Frequency range	TERR SAT	70÷862 950÷2150									
Tap gain / loss	TERR SAT	-2 ± 2 -2 ÷ 2 (±2)	-2 ± 2 -2 ÷ 2 (±2)	-3 ± 2 -2 ÷ 2 (±2)	-7 ± 2 -2 ÷ 2 (±2)	-8 ± 2 -2 ÷ 2 (±2)	2 ± 2 -2 ÷ 2 (±2)	2 ± 2 -2 ÷ 2 (±2)	-0 ± 2 -2 ÷ 2 (±2)	-2 ± 2 -2 ÷ 2 (±2)	-3 ± 2 -2 ÷ 2 (±2)
Passage loss	TERR SAT	-4 -1,5	-4 -2	-4,5 -2,5	-5 -3	-6 -4	-				
Isolation	SAT-SAT SAT-TERR OUT-OUT	>40 >35 >35									
Max. Output level (Ter -60 db IM3 SAT -35 dB IM3)	SAT	102									
Satellite and polarity selection		13 Vdc / 18 Vdc - 0 / 22 KHz DiSEqC 2.0-2.1									
Max. current consumption (without LNB)	mA	180			300		180			300	
Power supply	Vac	-					195-265 Vac / 18Vdc / 2.5 A				
Operating temperature range	°C	-10 a 40									
Weight	Kg	0,55	0,6	0,75	1,15	1,3	0,6	0,65	0,8	1,2	1,35

		DIMENSIONS	REF
Packing dimensions	mm	220 x 245 x 50	86432,
			86433,
			86434,
			86460
			86461
			86462,
		233 x 315 x 50	86445, 86463
		233 x 350 x 50	86446, 86464

FMC Series

9 INPUTS SYSTEM

SAT-IF cascade multiswitches 8 SAT inputs + 1 Terrestrial input.

APPLICATION

For the distribution of satellite TV signal up to 9 polarities. Each user receives both satellite and terrestrial signals by only one coaxial cable.

FEATURES

- FMC series, cascade models, FMF series final models.
- Input for terrestrial signal, compatible with terrestrial digital broadcast (DVB-T).
- Control by voltage/tone from the user's receiver. Satellite selection through DiSEqC 2.0.-2.1.
- FBF models include power supply SPS 1825.



HEADENDS

MODEL		FMC 908	FMC 912	FMC 916	FMF 908	FMF 912	FMF 916
Reference		86436	86437	86438	86465	86466	86467
Inputs		8 SAT + 1 TERR					
Subscriber outputs		8	12	16	8	12	16
Frequency range	RETURN PATH TERR SAT			5÷65 70÷790 950÷2150			
Tap gain / loss	RETURN PATH TERR SAT			-23 -22 ± 2 +2 ± 2			
Passage loss	TERR SAT	-3 -1,5	-3 -2	-4 -3	—		
Isolation	SAT-SAT SAT-TERR OUT-OUT	>37 >35 >35	>38 >35 >35	>38 >35 >35	>37 >35 >35	>38 >35 >35	>38 >35 >35
Max. Output level (Ter -60 db IM3 SAT -35 dB IM3)	SAT	102					
Satellite and polarity selection		13 Vdc / 18 Vdc - 0 / 22 KHz DiSEqC 2.0-2.1					
Max. current consumption (without LNB)		50					
Power supply		195-265 Vac / 18Vdc-0/22 KHz					
Operating temperature range		-10 a 40					
Packing dimensions		235 x 315 x 50					
Weight		0,52	0,65	0,77	0,52	0,65	0,77

FMC Series

13 INPUTS SYSTEM

SAT-IF cascade multiswitches 12 SAT inputs + 1 Terrestrial input.

APPLICATION

For the distribution of satellite TV signal up to 12 polarities. Each user receives both satellite and terrestrial signals by only one coaxial cable.

FEATURES

- FMC series, cascade models, FMF series final models.
- Input for terrestrial signal, compatible with terrestrial digital broadcast (DVB-T).
- Control by voltage/tone from the user's receiver. Satellite selection through DiSEqC 2.0.-2.1.
- FBF models include power supply SPS 1825.



MODEL			FMC 1308	FMC 1312	FMC 1316	FMC 1324	FMC 1332	FMF 1308	FMF 1312	FMF 1316	FMF 1324	FMF 1332	
Reference			86620	86621	86622	86623	86624	86625	86626	86627	86628	86629	
Inputs			12 SAT + 1 TERR										
Subscriber outputs			8	12	16	24	32	8	12	16	24	32	
Frequency range	TERR SAT	dB	70÷790 950÷2150										
Tap gain / loss	TERR SAT	dB	-2 ± 2 -2÷2 (± 2)	-2 ± 2 -2÷2 (± 2)	-3 ± 2 -2÷2 (± 2)	-7 ± 2 -2÷2 (± 2)	-8 ± 2 -2÷2 (± 2)	2 ± 2 -2÷2 (± 2)	2 ± 2 -2÷2 (± 2)	-0 ± 2 -2÷2 (± 2)	-2 ± 2 -2÷2 (± 2)	-3 ± 2 -2÷2 (± 2)	
Passage loss	TERR SAT	dB	-4 -1,5	-4 -2	-4,5 -2,5	-5 -3	-6 -4	—					
Isolation	SAT-SAT SAT-TERR OUT-OUT	dB							>40 >35 >35				
Max. Output level (Ter -60 db IM3 SAT -35 dB IM3)	SAT	dBµV	102										
Satellite and polarity selection			13 Vdc / 18 Vdc - 0 / 22 KHz DiSEqC 2.0-2.1										
Max. current consumption (without LNB)		mA	180			300		180			300		
Power supply		Vac	—						195-265 Vac / 18Vdc / 2.5 A				
Operating temperature range		°C	-10 a 40										
Weight		Kg	0,8	1	1,1	1,5	1,7	1,1	1,3	1,4	1,8	2	

		DIMENSIONS	REF
Packing dimensions	mm	233 x 315 x 50	86620,
			86621,
			86622,
		86625, 86626	
		233 x 350 x 50	86627
			86623,
86624, 86628			
300 x 433 x 50	86629		

FMC Series

17 INPUTS SYSTEM

SAT-IF cascade multiswitchs 16 SAT inputs + 1 Terrestrial input.

APPLICATION

For the distribution of satellite TV signal up to 16 polarities. Each user receives both satellite and terrestrial signals by only one coaxial cable.

FEATURES

- FMC series, cascade models, FMF series final models.
- Input for terrestrial signal, compatible with terrestrial digital broadcast (DVB-T).
- Control by voltage/tone from the user's receiver. Satellite selection through DiSEqC 2.0.-2.1.
- FBF models include power supply SPS 1825.



MODEL			FMC 1708	FMC 1712	FMC 1716	FMC 1724	FMC 1732	FMF 1708	FMF 1712	FMF 1716	FMF 1724	FMF 1732	
Reference			86439	86440	86441	86449	86450	86470	86471	86472	86473	86474	
Inputs			16 SAT + 1 TERR										
Subscriber outputs			8	12	16	24	32	8	12	16	24	32	
Frequency range	TERR SAT	dB	70÷790 950÷2150										
Tap gain / loss	TERR SAT	dB	-2 ± 2 -2÷2 (±2)	-2 ± 2 -2÷2 (±2)	-3 ± 2 -2÷2 (±2)	-7 ± 2 -2÷2 (±2)	-8 ± 2 -2÷2 (±2)	2 ± 2 -2÷2 (±2)	2 ± 2 -2÷2 (±2)	-0 ± 2 -2÷2 (±2)	-2 ± 2 -2÷2 (±2)	-3 ± 2 -2÷2 (±2)	
Cascade gain	TERR SAT	dB	-4 -1,5	-4 -2	-4,5 -2,5	-5 -3	-5 -4	—					
Isolation	SAT-SAT SAT-TERR OUT-OUT	dB								>40 >35 >35			
Max. Output level (Ter -60 db IM3 SAT -35 dB IM3)	SAT	dBµV	102										
Satellite and polarity selection			13 Vdc / 18 Vdc - 0 / 22 KHz DiSEqC 2.0-2.1										
Max. current consumption (without LNB)	mA		180		300			180			300		
Power supply	Vac		—				195-265 Vac / 18Vdc / 2.5 A						
Operating temperature range	°C		-10 a 40										
Weight	Kg		0,92	1,2	1,27	1,67	1,9	1,35	1,62	1,7	2,1	2,3	

		DIMENSIONS	REF
Packing dimensions	mm	233 x 350 x 50	86439,
			86440,
			86441,
			86470
			86471
		300 x 350 x 50	86472, 86449
300 x 433 x 50	86473		
410 x 405 x 50	86450, 86474		

REFERENCE	MODEL	UN
86440	FMC 1712	1
08275	STT TWIN	7
35083	SHA	1
85016	LPU	1

