

**Ek****EKSELANS BY ITS**

# MULTISWITCHES



**MS QCF 989 · MS QCF 98**  
**MS QCF 916**

- ✓ Compact size
- ✓ Terrestrial band with passive return filter. Compatible with the **EKOAX** system for internet distribution via coaxial cable.
- ✓ Active satellite band.
- ✓ High output level
- ✓ Excellent linearity in all its bands and outputs.
- ✓ Optimized for LTE.
- ✓ 12Vdc power supply
- ✓ They allow the power supply of pre-amplifiers by means of the ON / OFF switch.
- ✓ Minimum consumption of the multiswitch when the receiver of a user output goes into stand-by.
- ✓ Optimization of space and ease of work.
- ✓ Very high shielding factor
- ✓ Mechanics allow cables to be passed behind the equipment



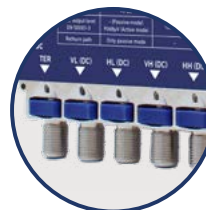
**MS QCF 916**



**MS QCF 989**



**NOW WITH F CONNECTOR**  
**ALREADY INSERTED**



ALL REFERENCES  
**INCLUDE F**  
**CONNECTORS**  
**ALREADY INSERTED**



YOU CAN **CONVERT**  
**THEM TO QUICOAX**  
 BY REMOVING THE  
 F CONNECTORS AND  
 THUS ENJOY ALL ITS  
 ADVANTAGES



## TECHNICAL INFORMATION

REFERENCE			MS QCF 989	MS QCF 98	MS QCF 916
Code			090044	090045	090038
Type	Cascade / Expansion		x		
	Star / Waterfall End			x	x
Inputs			9 (1x TER + 8x SAT)		
Outputs	User	Num.	8	8	16
	Cascade		9	-	-
Frequency range	TER	MHz	5 -790		
	SAT		950 - 2150		
Derivation losses	SAT	dB	0 ± 3	0 ± 3	0 ± 3
	TER		23 ± 2	16 ± 2	21 ± 2
Insertion loss trunk	SAT	dB	<3,5	-	-
	TER		<3	-	-
Maximum output level (DIN 45004B-35dBc)	SAT	dBµV	100	100	100
Isolation	Between inputs (SAT-SAT)	dB	>28	>28	>28
	Between inputs (SAT-TER)		>30	>30	>30
Power supply (12 Vdc external)	LNB	mA	600 (max) / LNB		
	TER		ON/OFF		
	Line amplifiers (AMP)	Vdc	12		
Consumption from STB	Multiswitch	mA	< 40 / STB active		
Work temperature		°C	-20...+60		
Dimensions (W x H x D)		mm	210 x 170 x 40	210 x 160 x 40	210 x 170 x 40