

Cascadeable 17x8 Multiswitches

RC17810

REF. 1136

RC17815

REF. 1137

RC17820

REF. 1138

RC17825

REF. 1139



Data Sheet



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- Cascadeable multiswitches for 17-cable systems.
- Distribution of 16 Sat-IF polarisations and 1 Terrestrial-TV signal.
- Eight tap lines per multiswitch.
- Remote powering from users' receivers.
- Active SAT and passive TERR.
- 4 models for 4 levels of tap loss.
- Sloped response for satellite frequencies.
- All models support DiSEqC 2.0 commands and are compatible with voltage/tone/ToneBurst switching signals.
- High isolation between polarizations by using multilayer technique.
- DC passing between input and output SAT lines.
- Indoor mounting. Wall fixing.



			RC-17810	RC-17815	RC-17820	RC-17825
Line inputs				16 Sat + 1 Terr		
Tap outputs				8		
Line outputs			-	16 Sat + 1 Terr		
Frequency range	Sat	MHz	950 – 2200			
	Terr		10 – 862			
Tap loss	Sat	dB	7 – 3 (±2)	11 – 7 (±2)	15 – 11 (±2)	21 – 17 (±2)
	Terr		12 (±2)	15 (±2)	18 (±2)	23 (±2)
Through loss	Sat	dB	-	4.5 (±1)	4.5 (±1)	4.5 (±1)
	Terr		-	4.5 (±1.5)	2.5 (±1.5)	2 (±1)
Input and output isolation	Sat-Sat	dB	≥ 30			
	Sat-Terr		≥ 25			
Line input/output return loss	Sat	dB	≥ 12			
	Terr		≥ 12			
Tap output return loss	Sat	dB	≥ 10			
	Terr		≥ 10			
Tap output level (-35dB IMD3, EN 50083-3)		dBµV		103 (Sat)		passive product
Tap output level (-35dB IMD2, EN 50083-3)		dBµV		104 (Sat)		passive product
Current consumption per tap		mA		< 60		< 30
Max line input-output pass current		A		2		
Line and Tap connector type				female F		
Operating temperature		°C		-20 – +50		
Dimensions		mm		350 x 185 x 40		

* Current supplied by the users' receivers.