

Cascadeable 9x8 Multiswitches

RC9810

REF. 1128

RC9815

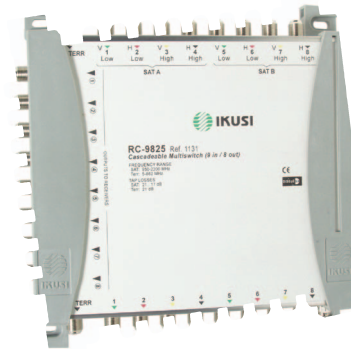
REF. 1129

RC9820

REF. 1130

RC9825

REF. 1131



Data Sheet



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- Cascadeable multiswitches for 9-cable systems.
- Distribution of 8 Sat-IF polarizations 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-9810	RC-9815	RC-9820	RC-9825
Line inputs		8 SAT + 1 TERR			
Tap outputs		8			
Line outputs		-			
Frequency range	Sat	950 – 2200			
	Terr	10 – 862			
Tap loss	Sat	6 – 2 (±2)	10 – 6 (±2)	14 – 10 (±2)	21 – 17 (±2)
	Terr	12 (±2)	15 (±2)	18 (±2)	23 (±2)
Through loss	Sat	-	4.5 (±1)	4.5 (±1)	3.5 (±1)
	Terr	-	4.5 (±1.5)	2.5 (±1.5)	2 (±1)
Input and output isolation	Sat-Sat	≥ 30			
	Sat-Terr	≥ 25			
Line input/output return loss	Sat	≥ 12			
	Terr	≥ 12			
Tap output return loss	Sat	≥ 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		208 x 112 x 40		

* Current supplied by the users' receivers.