



V5-EVO Splitters & Taps 4 x SAT + 1 x Terr

- EV5-204** **2-way equal splitter**
- EV5-408** **4-way equal splitter**
- EV5-210** **Tap -10dB**
- EV5-210** **Tap -20dB**

V5-EVO splitters are built to compliment all V5-EVO models is small, medium and large IRS installations. With class leading performance in terms of low insertion loss, cable slope pre-emphasis and linearity, these splitters and taps allow managed trunk signal distribution for 5-wire IRS. V5-EVO taps attenuate the signal to the side output while minimising trunk through losses. EV5 splitters provide equal division of the incoming signal to all ports.



V5-EVO splitters and taps pass DC on the through lines at up to 2A when the current is shared across 2 of the IF lines.

Model		V5-210	V5-220	V5-204	V5-408
Frequency range	SAT		4 x 950 – 2400MHz		
Terr			1 x 5 – 862MHz		
Number of tap outputs		1 x 5 Tap	1 x 5 Tap	1 x 5 splitter	4 x 5 splitter
Through loss	SAT	<2dB	<1dB	4dB	8dB
	Terr	<2dB	<1dB	4dB	8dB
Tap loss	SAT	10dB	20dB	4dB	8dB
	Terr	10dB	20dB	4dB	8dB
Input Isolation	SAT		30dB		
	Terr		30dB		
Return loss			>13dB		
DC through pass	H lines		2.0A max when shared across H:lo & H:hi (1A max through one line)		
DC through pass	Terr line		0.1A max		
Connectors		F female (F male quick to f female on earth bar) 1.0mm max centre conductor for direct connection 5 x F male quick to F male quick for close coupling of multiswitch			
Operating temperature		-20°C to +50°C			
Dimensions mm			126x135x30mm		267x135x30mm
Weight			0.44kg		0.7kg

Switchable DC is provided on the tap/splitter ports of the H:lo and H:hi lines.

V5-EVO is designed to be installed using type 100 cable and larger sizes are usually unnecessary if the system is correctly planned.

V5-EVO taps and splitters are designed with high quality 1.0mm f-female sockets for high surface area contact and maximum return loss performance. Use only type-100 cable on inputs or outputs. For larger cables it is important to use the correct reducing pin connectors. Consult your cable/connector supplier. Do not force type-125 cable directly into the connectors as damage will occur.