

Datasheet

V4 Series 4 Input/8 Output active receiver powered multiswitches

- V4-812L with 12dB tap loss
- V4-800G with 0dB tap gain
- V4-806G with 6dB tap gain
- V4-812G with 12dB tap gain



- Receiver powered multiswitches for use where there is no "landlord" mains power
- Single satellite receiver will power multiswitch and quattro LNB
- V4 is designed for small to medium sized systems with up to 64 points without the need for satellite pre amplifiers
- Choice of 12dB tap loss, 0dB, 6dB and 12dB tap gain for signal equalisation
- Pre-mounted earth-bars fitted on subscriber line
- Low insertion loss

Model	V4-812L	V4-800G	V4-806G	V4-812G
Input	950-2400	950-2400	950-2400	950-2400
Tap Gain	-12dB	0dB	+6dB	+12dB
Gain Slope 950-2400 MHz	-16 to -12dB	-4 to +0dB	+2 to +6dB	+8 to +12dB
Satellite Input Isolation	>25dB	>25dB	>25dB	>25dB
Output Isolation	>25dB	>25dB	>25dB	>25dB
Trunk Through Loss	<5dB	<5dB	>5dB	<5dB
Return Loss	>15dB	>15dB	>15dB	>15dB
Maximum Output Level*	93dBµV	93dBµV	93dBµV	93dBµV
Maximum Input Level*	105dBµV	93dBµV	87dBµV	81dBµV
Current Consumption from Receiver	<40mA	<40mA	<40mA	<40mA
Control Signals V/Lo	11.5-14.5V/0KHz	11.5-14.5V/0KHz	11.5-14.5V/0KHz	11.5-14.5V/0KHz
Control Signals H/Lo	16.5-19V/0KHz	16.5-19V/0KHz	16.5-19V/0KHz	16.5-19V/0KHz
Control Signals V/Hi	11.5-14.5V/22KHz	11.5-14.5V/22KHz	11.5-14.5V/22KHz	11.5-14.5V/22KHz
Control Signals H/Hi	16.5-19V/22KHz	16.5-19V/22KHz	16.5-19V/22KHz	16.5-19V/22KHz
DC pass Rec to Trunk Input	0.5A	0.5A	0.5A	0.5A
DC pass Trunk Line	1.0A	1.0A	1.0A	1.0A
Operating Temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Earth-bonding bar	Supplied on subscriber outputs – quick f-male			
Dimension	144mm x 117mm x 36mm inc fixing lugs and earth-bar connectors			
Weight	27kg	27kg	27kg	27kg

*Maximum levels to IMDS=35dB (EN50083-3)