



ACTIVE TAPS

KAT8F / KAT16F / KAT24F / KAT32F

The Kingray Active Taps are specially designed for the distribution of terrestrial & satellite (Foxtel) services in a multiple dwelling application. They feature high output with adjustable gain and equalisation control.

FEATURES

Frequency Range of 47-862 MHz & 950-2400 MHz

1 Input, up to 32 Outputs

10-14dB Maximum Gain @ 47-862 MHz

14dB Maximum Gain @ 950-2400 MHz

14dB Gain Control for both FTA & Satellite

Fixed 4dB Equalisation for FTA

11dB Equalisation Control for Satellite

20dB Test Point

Maximum Output Level of 96dB for FTA (60dBuV IMA3 @ EN60728-5)

Maximum Output Level of 97dB for Satellite (35dBuV IMA3 @ EN60728-3)

Return Loss >12dB

Connectors: F-Type

Operating Voltage: 12V or 18V DC 2A

Maximum of 2A power can be sent to the RF input via the power through switch

Can be remotely powered with the use of a power injector (PIK2400 & suitable power supply)

Suitable Power Supply: PSK18M or PSK182F



PRODUCT SPECIFICATIONS

PARAMETER		SPECIFICATIONS			
MODEL		KAT8F	KAT16F	KAT24F	KAT32F
Frequency Range: Terrestrial FTA		47-862 MHz	47-862 MHz	47-862 MHz	47-862 MHz
Frequency Range: Terrestrial Satellite		950-2400 MHz	950-2400 MHz	950-2400 MHz	950-2400 MHz
Input/Outputs		1 x Input / 8 x Outputs	1 x Input / 16 x Outputs	1 x Input / 24 x Outputs	1 x Input / 32 x Outputs
Gain	FTA	10-14dB	10-14dB	10-14dB	10-14dB
	Satellite	14dB	14dB	14dB	14dB
Flatness		+/- 2dB	+/- 2dB	+/- 2dB	+/- 2dB
Return Loss		12dB	12dB	12dB	12dB
Gain Control		14dB	14dB	14dB	14dB
FTA Equalisation		4dB Fixed	4dB Fixed	4dB Fixed	4dB Fixed
Satellite Equalisation		11dB	11dB	11dB	11dB
Maximum Output Level		96dB FTA / 97dB SAT	96dB FTA / 97dB SAT	96dB FTA & SAT	96dB FTA & SAT
Supply Voltage		12V or 18V DC	12V or 18V DC	12V or 18V DC	12V or 18V DC
Max. Current Consumption @ 12V & 18V DC		150mA / 100mA	240mA / 150mA	380mA / 250mA	430mA / 300mA
POWERING OPTIONS					
Option 1		Locally via PSK18M or PSK182F			
Option 2		Remotely – with the use of a power injector (PIK2400) & suitable PSU to RF Input Port			
Option 3		Able to line power the unit from 1 output port (varies per model, see product label)			
Dimensions in mm		295(L) x 122(W) x 54(H)	295(L) x 122(W) x 54(H)	355(L) x 122(W) x 54(H)	416(L) x 122(W) x 54(H)
Weight		580g	610g	760g	980g

Note: When using any of the active taps in a satellite multistacker system, due to the high channel loading, de-rate the active tap to use the appropriate output level.

Specifications are subject to change without notice, they are issued as a guide only and shall not form part of any contract without the express written authorisation of GME.

