



SUPER BROADBAND DISTRIBUTION AMPLIFIER

DSB38F

The Kingray DSB38F is a high gain Terrestrial and Satellite Super Broadband Distribution Amplifier for use in SMATV applications. It features a combined single input and single output connector, with adjustable gain and equalisation controls, as well as input attenuation, therefore making it an ideal distribution amplifier for a single cable FTA & Satellite system..

FEATURES

Frequency Range 47-862 MHz & 950-2400 MHz

36dB Maximum Gain (Terrestrial)

41dB Maximum Gain (Satellite)

10dB Gain Control

10dB Equalisation Control

-10dB Attenuation Switch on the input

-30dB Test Port

Maximum Output Figure of 120dB for Terrestrial (60dBuV IMR3 DIN45004B)

Maximum Output Figure of 122dB for Satellite (35dBuV IMR3 EN50083-3)

Connectors: F-Type

Power Consumption: 560mA @ 12V DC

Power Consumption: 370mA @ 18V DC

Operating Voltage: 12-18V DC

Can be locally or remotely powered via the RF output



PRODUCT SPECIFICATIONS

PERFORMANCE		
Frequency Range: Terrestrial FTA		47-862 MHz
Frequency Range: Terrestrial Satellite		950-2400 MHz
Input/Outputs		1 x Input / 1 x Outputs
Test Port		-30dB
Maximum Gain	FTA	36dB
	Satellite	41dB
Max. Input		105dB
Min. Input		70dB
Return Loss		>10dB
Gain Control		10dB
FTA Equalisation		10dB
Satellite Equalisation		10dB
Satellite Input Attenuator		-10dB
FTA Input Attenuator		-10dB
Maximum Output Level	FTA (60dBuV IMR3 DIN45004B)	120dB
	SAT (35dBuV IMR3 EN50083-3)	122dB
Supply Voltage		12V or 18V DC
Max. Current Consumption		560mA @ 12V DC
		370mA @ 18V DC
POWERING OPTIONS		
Option 1		Locally via a PSK182F or PSK18F
Option 2		Remotely via the RF input (800mA max.)
Dimensions in mm		183 (L) x 150 (W) x 52 (H)
Weight		880g
Connectors		'F' Type

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.

