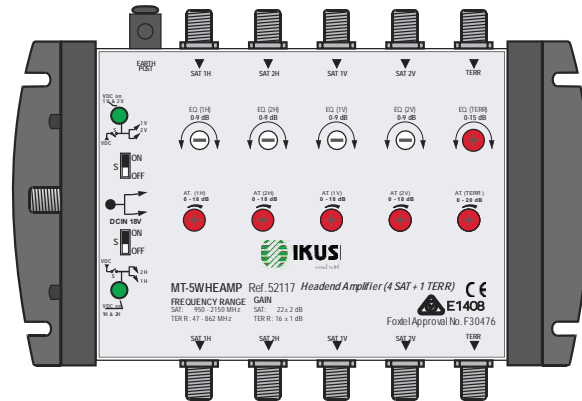


IKUSI 5-WIRE EQUIPMENT & ACCESSORIES

(Foxtel Approved)

Headend & In-line Distribution Overview

Model: MT-5WHEAMP



Headend Amplifier

Headend Amplifier for 5-wire system

Features

- Low cost high performance, proven technology for SMATV distribution
- Amplification of 4 SAT-IF & 1 TERR signal for 5 wire distribution systems.
- Active SAT & TERR. Continuous attenuation & equalization adjustments.
- Local powering (+18 VDC) using PS1816DC.
- The +18VDC voltage is connected directly to SAT 1H and SAT 2H inputs and can be switched to SAT 1H & SAT 2H outputs (LED indicator).
- 13VDC can be switched to SAT 1V & SAT 2V inputs to power vertical polarity of the LNB (LED indicator).
- Sheet metal housing. Indoor mounting. Wall fixing. Earthing terminal.
- Foxtel Approved

For more information contact IKUSI on (61 3) 9720 8000 or e-mail sales@ikusi.com.au

IKUSI 5-WIRE EQUIPMENT & ACCESSORIES

(Foxtel Approved)

Headend & In-line Distribution Data

SAT-IF DISTRIBUTION EQUIPMENT



Specifications

Model			MT-5WHEAMP
Reference			52117
Powering Mode			DC (Local)
Line inputs			4 SAT + 1 TERR
Line Outputs			4 SAT + 1 TERR
Frequency	SAT	MHz	950 - 2150
	TERR	MHz	47 - 862
Gain	SAT	dB	22 (+/- 2)
	TERR	dB	16 (+/- 1)
Variable attenuation	SAT	dB	0 - 18
	TERR	dB	0 - 20
Variable equalization	SAT	dB	0 - 9
	TERR	dB	0 - 15
Isolation	SAT - SAT	dB	>45
	SAT - TERR	dB	> 35
Noise figure	SAT	dB	< 6
	TERR	dB	< 11
Input & output return loss		dB	> 10
Satellite output level (-25 dB IM3 AS/NZS 1367, full channel loading)		dBuV	104
Terrestrial output level (-30 dB IM3 AS/NZS 1367, full channel loading)		dBuV	94
Power consumption, amplifier only			+18Vdc / 300mA max.
Feed through of +18VDC 1H & 2H inputs		mA	260
Switchable +13VDC to 1V & 2V inputs		mA	260
Feed through of 18VDC to 1H & 2H outputs		A	2A Switchable
Max total feed through		A	2A Switchable
Input & output connectors			F-female
DC connector type			F-female
Dimensions L x W x H		mm	182 x 125 x 54

Headend Amplifier

Optional Accessories:

MT-DCFTRM (F Type 75 Ω DC isolated terminator), MT-DCFBLOCK (F Type DC Blocker) MT-QFMFMC (F Type Quick connect)

For further information on applications, refer to TechNote 23.

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MT-5WHEAMP_V4 RCM