

UNIVERSAL EXTENDED BROADBAND AMPLIFIER

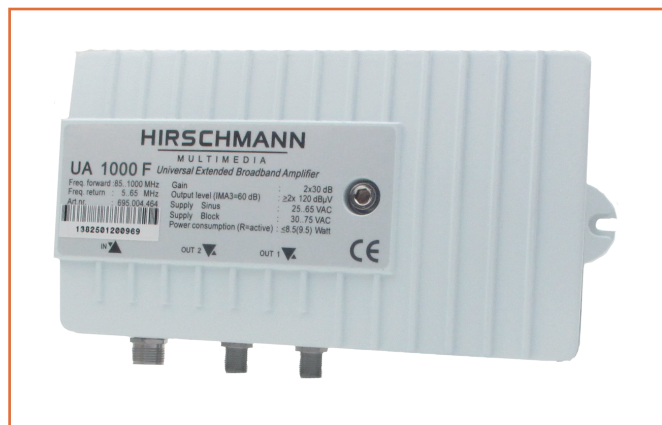


UA 1000 F

Article number 695004464

PRODUCT CATEGORY: CATV

STATUS: AVAILABLE



Product

UNIVERSAL EXTENDED BROADBAND AMPLIFIER
UA 1000 F

Professional high quality broadband amplifier 5-1006 MHz. Universal amplifier UA 1000 F can be used for broadband distribution of RF signals in CATV systems.

The amplifier is suitable for distribution of the return path. The use of the return path (5-65 MHz) can be configured by jumpers. Attenuation and equalization can be set by means of plug-in modules. Ultra reliable. High efficiency GaAs output: high output with low intermodulation and alignment without service interruption possible.

Properties

1 GHz
Ready

2 Year
Warranty

Certified
Product

Class A
Screening

Digital &
3D ready

High
Durability

Certificates



TOM-i

INCLUDED

N/A

Instruction video

www.hirschmann-multimedia.nl/montagefilm-verstekter

Instruction card

www.hirschmann-multimedia.nl/installatieschema

Tools

- 1 piece Cable stripper KST 1
Article number 695002223



Mechanical Specifications

Dimensions hwxwd
115 x 190 x 85 mm

Weight
0,92 kg

Color
White

PRODUCTSHEET

UA 1000 F

UNIVERSAL EXTENDED BROAD- BAND AMPLIFIER

Specifications

Features

- Output splitter included for symmetrical outputs.
- Ultra-high efficiency switch mode power supply (> 88%).

General data

Protection class IP 52
Housing material Die-cast aluminium

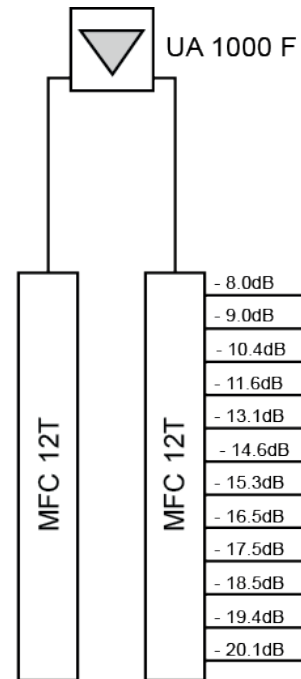
Technical data

Frequency range
- Forward 85-1006 MHz
- Return path 5-65 MHz
Gain 2x30 dB \pm 0.5 dB (862 MHz)
Impedance 75 Ohm
Noise figure (at max. gain) 5.5 dB max. 6.5 dB
Output level (for 2 RF-outputs)
- 42 channels CENELEC (CTB= 60 dB) \geq 2x105 dB μ V
- 42 channels CENELEC (CSO= 60 dB) \geq 2x108 dB μ V
Power consumption, remote supply \leq 9.5 W (active return path)

Return path

Diplexfilter 5-65/85-1006 MHz
Upstream active 2x16 dB \pm 2 dB
Output level (max.)
- acc. to EN 50083-5 (IMA3= 60 dB) \geq 114.5 dB μ V
- acc. to EN 50083-5 (IMA2= 60 dB) \geq 110 dB μ V

Wiring diagram



Related product - SFC 012

Article number 695001997

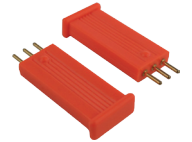
TOM-i



Related product - PIM

Article number 6950044XX

TOM-i_{xx} = amount of dB (0-25)



Related product - MFC 12T

Article number 606300176

TOM-i



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Hirschmann Multimedia B.V.

Hirschmann Multimedia B.V. is an international knowledge company and manufacturer, located in Weesp - The Netherlands. Hirschmann Multimedia focusses on leading the market by being innovative, flexible and renewing.

Hirschmann Multimedia Products (HMP):

Serving the retail and installer market, Hirschmann Multimedia Products is expanding from The Netherlands and Belgium towards 16 other European countries as of 2014. Through a qualified and selected dealer and installer network, HMP provides in products for COAX, IP and satellite systems.

Productsheet UA 1000 F

Article number 695004464

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