

LAST MILE &
CONNECTED
HOME



RF Amplifiers

HOUSE CONNECTION AMPLIFIER DH4030-R065

The DH4030-R065 from Teleste is a high performance 5-1006 MHz Amplifier with a 65/85 MHz fixed band split.

Using GaAs-FET technology for the amplifier stages means we have been able to produce high CTB & CSO performance with optimal power capability. All signal controls use Step Attenuators to avoid the need to have a large stock of different attenuator plug-ins.

DH4030-R065 features

- 65/85 MHz fixed band split
- All adjustments with step attenuators
- GaAs FET and GaAs pHEMT technology in use
- Low US noise figure
- US input attenuator
- Downstream midstage gain and slope control
- Upstream midstage Universal Plug-in
- Improved ESD and surge protection
- Hole for sealing the lid

One of Teleste's superior performance products designed for easy installation and reliability.

TELESTE

HOUSE CONNECTION AMPLIFIER / DH4030-R065

TECHNICAL SPECIFICATIONS: DOWNSTREAM ⁽¹⁾			
Frequency range	85...1006 MHz	Mid-stage attenuator control range	0...10 dB
Return loss	18 dB	Mid-stage equalizer control range	0...10 dB
Gain	40 dB	Noise Figure	7 dB
Input attenuator control range	0...15 dB	Test point	20 dB
Input equalizer control range	0...15 dB	CSO 41 channels	111 dB μ V
Flatness	\pm 0.75 dB	CTB 41 channels	111 dB μ V
TECHNICAL SPECIFICATIONS: UPSTREAM ⁽¹⁾			
Frequency range	5...65 MHz	Flatness	\pm 0.75 dB
Return loss	18 dB	Noise Figure	6 dB
Gain	30 dB	Test point	20 dB
Input attenuator control range	0...15 dB	Mid-stage Universal Plug-in	JDA-type
Output equalizer control range	0...15 dB	Output level, acc. to DIN 45004B	120 dB μ V
GENERAL SPECIFICATIONS ⁽¹⁾			
Supply Voltage	180...255 VAC	Test Point Connector	F-female
Power Consumption	17 W	EMC compatibility	EN 60728-2
Input/Output Connectors	F-female acc. to DIN EN 61169-24	Safety	EN 60728-11
Operating temperature	- 20 ° to + 55 °C	Surge	4 kV, IEC 60728-3
Class of enclosure	IP 54	ESD	4 kV
Dimensions (h x w x h)	210 x 170 x 78 mm (connectors excluded)	Weight	2 kg
NOTES			
(1) Typical values. Please contact us for detailed conditions.			
BLOCK DIAGRAM			
ORDERING INFORMATION			
DH4030-R065	Amplifier equipped with 230 VAC power supply with euro plug, 2 x F-female connectors and 0 dB Universal Plug-in in upstream		

TELESTE

TELESTE CORPORATION
www.teleste.com

DH4030-R065_20210222_v011

Copyright © 2021 Teleste Corporation. All rights reserved. Teleste and the Teleste logo are registered trademarks of Teleste Corporation. Other product and service marks are property of their respective owners.

Teleste reserves the right to make changes to any features and specifications of the products without prior notice. Although the information in this document has been reproduced in good faith, the contents of this document are provided "as is". Teleste makes no warranties of any kind in relation to the accuracy, reliability or contents of this document, except as required by applicable law.