LAST MILE & CONNECTED HOME



RF Amplifiers

HOUSE CONNECTION AMPLIFIER DH4030-R065-AC

The DH4030-R065-AC from Teleste is a remote powered 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-AC features

- 65/85 MHz fixed band split
- All adjustments using electrical step attenuators
- GaAs FET and GaAs pHEMT technology in use
- Remote powered
- 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.

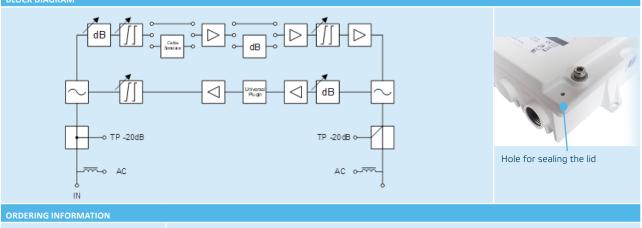


HOUSE CONNECTION AMPLIFIER / DH4030-R065-AC

TECHNICAL SPECIFICATIONS: DOWNSTREAM ⁽¹⁾			
Frequency range	851006 MHz	Mid-stage gain selection	40 / 34 dB
Return loss	18 dB	Mid-stage equalizer control range	012 dB
Gain	40 dB	Noise Figure	7.5 dB
Input attenuator control range	015 dB	Test point	20 dB
Input equalizer control range	016 dB	CSO/CTB 41 channels (flat/sloped)	111/114 dBµV
Input cable simulator	0 / 8 dB	Umax (112 QAM channels, flat/sloped)	106/108 dBµV
Frequency range	565 MHz	Flatness	± 0.75 dB
Return loss	18 dB	Noise Figure	6 dB
Gain	30 dB	Test point	20 dB
Input attenuator control range	015 dB	Mid-stage Universal Plug-in	JDA-type
Output equalizer control range	015 dB	Output level (full load)	120 dBµV
GENERAL SPECIFICATIONS (1)			
Supply Voltage	2765 VAC	Test Point Connector	F-female
Power Consumption	17 W	Input/Output connectors	PG11 thread and screwing block on RF board
Max. current feedtrough	5.0 A/port	EMC compatibility	EN 60728-2
HUM modulation	70 dB @ 3 amps	Safety	EN 60728-11
Operating temperature	- 20 ° to + 55 °C	Surge	2 kV, IEC 60728-3
Class of enclosure	IP 54	ESD	4 kV
Dimensions (h x w x h)	210 x 170 x 78 mm (all included)	Weight	2 kg
NOTES			

(1) Typical values. Please contact us for detailed conditions.





DH4030-R065-AC

Amplifier equipped with 65 VAC power supply and 0 dB Universal Plug-in in upstream. No connectors included.



TELESTE CORPORATION www.teleste.com

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