

WISI VX 19 C 0650

In-house distribution amplifier, remote-fed



A
CLASS

Description

In house and distribution amplifier for large CATV networks, remote fed. Frequency range up to 1006 MHz and pluggable return path modules. AC remote power transit for cascade systems. Adjustments by integrated jumpers or PADs (optional by variable attenuator). High connector flexibility by using PG11.

At a glance:

- Vodafone KDG certified
- Unitymedia certified

Technical data

Downstream	
Inputs	1 pcs.
Input measurement socket	-20 dB
Input return loss	≥18 dB (-1,5 dB/Okt., 14 dB)
Frequency range downstream	85...1006 MHz
Gain downstream	40/32 dB
Noise figure downstream	≤5 dB
attenuator downstream	0...20 dB (PAD)
equaliser downstream	0...20 dB (PAD)
Interstage attenuator downstream	0...8 dB (PAD, 6 dB by 32 dB amplifier)
interstage equalizer downstream	0/7/10 dB (Jumper, 1006 MHz)
cable simulator downstream	0...10 dB (PAD)
Output level 1	111 dBμV (CENELEC 42 channels, flat, at CSO/CTB >60 dB/>60 dB)
Output test point	-20 dB
Output splitter	pcs. optional, by distribution module XM...2. Output can be switched

Upstream

Frequency range upstream	5...65 MHz
Gain upstream	22/32 dB (return channel full channel load)
noise figure upstream	≤5 dB
attenuator upstream input	0...20 dB (PAD)
attenuator upstream output	0...20 dB (PAD)
Equalizer US	0...15 dB (PAD)
Output level 3	120 dBμV (1 TS 140 average load QAM64 MER >35, BER < 1x10 ⁻⁸)
Output level 4	110 dBμV (US, EN50083-5/2.Ord)

Connectors

PG11	2 pcs.
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General data

Operating voltage AC	27...65 V (50/60 Hz)
Power consumption	<11,5/<12,5 W (Amplifying 32 dB/40 dB, + 2 W with return channel amplifier)
Screening factor (EMC)	Class A, EN 50083-2
Dimensions (width x height x depth)	232x145x86 mm
Operating temperature range	-20...+55 °C
Protection class	IP66
Lightning protection	5 kV (EN61000-4-5, 1,2/50 μs pulse)

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	305 x 180 x 90 mm
Packaging volume sales unit	dm ³
Gross weight sales unit	1.550 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm ³

Packaging data

Gross weight shipping unit	kg
EAN	4010056721558
Article number	72155
Customs tariff number	85437030