

WISI VX 16 C 0650

In-house/distribution amplifier, locally supplied



Description

Broadband distribution amplifier for use in coaxial networks.

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)
Equalizer 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 dB μ V (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 dB μ V (1 TS 140 average load QAM64 MER >35, BER <1 x 10 ⁻⁸)
Output level 4	110 dB μ V (US, EN50083-5/2.Ord)
Upstream test point	-20 dB

Connectors

F-female	2 pcs.
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General data

Operating voltage AC	230 V
Power consumption	<11,5/<12,5 W (Amplifying 32 dB/40 dB, + 2 W with return channel amplifier)
Screening factor	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 μ s pulse)

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	310 x 180 x 90 mm
Packaging volume sales unit	dm ³
Gross weight sales unit	1.8 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm

Packaging data

Packaging volume shipping package	dm ³
Gross weight shipping unit	kg
EAN	4010056751265
Article number	75127
Customs tariff number	85437030