

WISI VX 1020

In-house amplifier



Description

At a glance:

- Zinc pressure cast housing - home line
- Return path amplifier and diplex-filter modular
- ICS option modular
- Damping adjustment and equaliser adjustment interruption-free with Q-step switcher

Technical data

Downstream	
with US-module VX 102-0650	
Frequency range	85...1006 MHz (without US-module)
Return loss	≥ 18 dB (-1,5 dB/Oct.)
Gain	21 dB (±0,5 dB)
Frequency response	typ. ± 0,5 dB (max. ± 0,8 dB)
cable simulator downstream	0/5/10 dB (Jumper)
Attenuator downstream	0...15 dB (Q-Step 1dB step size)
Equalizer downstream	0...22,5 dB (Q-Step 1.5 dB step size)
Interstage Slope	0/4,5 dB (Jumper)
output level CC 101 channels flat	CTB / 66 dB ≥ 100 dBμV, CSO / 66 dB ≥ 100 dBμV
Noise figure	typ. 6 dB max. 7,5 dB
Test point downstream output	-20 dB (directional coupler)
Test point downstream input	-20 dB (Bidirectional)

Upstream

with US-module VX 102-0650	
Frequency range	5...65 MHz
Return loss	≥ 18 dB ≥ 40 MHz 18 dB -1,5dB/Okt.
Gain	22 dB ± 0,75 dB, (Jumper 22/30dB)
Frequency response	typ. ± 0,5 dB max. ± 0,7 dB
Attenuator upstream output	0...22,5 dB (Q-Step 1.5 dB step size)
interstage equaliser upstream	0/1,5/3/4,5/6 dB (Jumper)
Noise figure	<6 dB (22 dB-position), <4,5 dB (30 dB-position)
output level DIN - IMA 2	typ. 108 min. 106 dBμV
output level DIN - IMA 3	typ. 114 min. 112 dBμV
ICS Option	(slot for receiver EN60728-14)
Ingress Control Switch (ICS)	0/6/40 dB

General data

RF connectors	F
Impedance	75 Ω
Supply voltage	230 V AC
Power consumption max.	< 6 W
Ambient temperature	-20...+55 °C
Protection class	IP 20
EMC	EN50083-2
Surge protection RF Ports	2 kV (1,2/50 μs pulse EN61000-4-5)
Dimensions (width x height x depth)	163 x 90 x 47 mm

Packaging data

Sales unit	pcs.
Dimensions (WxHxD) sales unit	163 x 90 x 47 mm
Packaging volume sales unit	dm ³
Gross weight sales unit	kg
Shipping unit	pcs.

Packaging data

Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm ³
Gross weight shipping unit	kg
EAN	4010056732967
Article number	73296
Customs tariff number	85437030