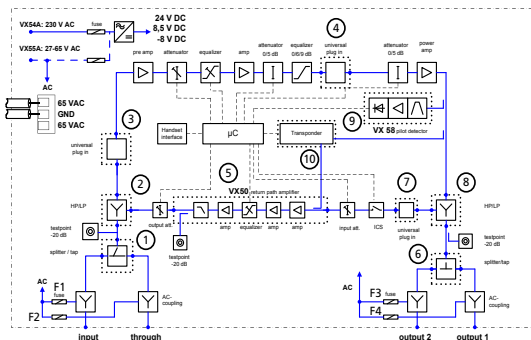


Wisi VX54

ÖP förstärkare 1 GHz



- At one glance:**
- Compact 1 GHz high output level CATV amplifier
 - All settings (gain, slope etc.) by WISI control unit (OK Handset) or LMT (laptop) if a HMS transponder is used
 - Includes interface for NMS functionality
 - Diplex filters and splitter/tap-modules pluggable
 - Additional universal plug in modules

Art. nr: 221 86 54 | Wisi VX54 ÖP, 1 GHz förstärkare | E-nr: –

Art. nr: 221 86 41 | Wisi programmerare för VX54 förstärkare | E-nr: –

Technical Specifications

Type	VX 54 AS / VX 55 AS
Downstream	
Frequency range	47 - 1006 MHz
Impedance	75 Ohm
Gain	33 dB ¹⁾
In / output return loss	≥ 20 dB (-1.5 dB / oct.)
Noise figure	≤ 6.0 dB
Input attenuator (step size 0.1 dB)	0 - 15 dB
Interstage attenuator (switchable)	0 / 5 / 10 dB
Input equalizer (step size 0.1 dB)	0 - 15 dB
Interstage equalizer (switchable)	0 / 6 / 9 dB
Distortion products for CENELEC 42 Ch.	@111 dBμV flat ²⁾
CTB / CSO	≥ 60 dB / ≥ 63 dB
Distortion products for CENELEC 42 Ch.	@114 dBμV 9 dB slope ²⁾
CTB / CSO	≥ 60 dB / ≥ 63 dB
RF test points	-20 dB
Upstream	
Frequency range	5 - 65 MHz
In / output return loss	20 dB (-1,5 dB / oct.)
Noise figure	≤ 8 dB
Gain	30 dB
Input attenuator	0 - 30 dB
Output attenuator (step size 1 dB)	0 - 30 dB
Equalizer range (5 - 65MHz) (step size 0.5 dB)	0 - 10 dB
Output level EN50083-5	116 dBμV
1TS140	120 dBμV ³⁾
Ingress control switch ICS	0 / -8 / <-45 dB
RF test point	-20 dB
RF injection point	-20 dB
General specifications	
RF connectors	PG11
Supply voltage	VX 54 AS: 180 - 265 V AC; VX 55 AS: 27 - 65 V AC
Surge protection power supply	2 kV ⁴⁾
Power consumption	21 W (without transponder), 23 W (with transponder)
Remote power current insertion	< 10 A
Remote power current in and outputs	< 8 A
Ambient temperature	-20°... +55°C
Protection class	IP 67
EMV	EN50083-2
Dimensions W x H x D	260 x 215 x 95 mm
Surge protection RF ports	6 kV ⁴⁾
¹⁾ single output, ²⁾ 2 dB higher output level optional, ³⁾ acc. KDG 1TS140 full load. (6ch.; 16QAM; BER<1E-6), ⁴⁾ 1,2/50 μs pulse EN61000-4-5	



Programmerare