WISI VALUE LINE

VX 26 H 0300 Local feed distribution amplifier F glands

WISI Q-Step

- Very compact housing
- Rotary switches for attenuator and equalizer
- All settings without interruption of service
- Precise and readable alignments
- On board return path amplifier
- Output splitter optional

Safety instructions!
Services and repairs should only be carried out by experts.
Pay attention to live parts or wires!
Notice: In case the amplifier will be installed outdoor, please provide sufficient weather protection according the local power authorities requirement.

Dimensions / Connectors

VX 26 H - F glands

Initialisation

Initialisation

1. Loosen the cover screw and open the cover.
2. Insert the power plug in the AC wall outlet.
3. Adjust the amplifier with attenuator and equalizer in accordance of the level plan.
4. Close cover and tighten the cover screw.

Drilling dimensions

Downstream

Frequency range		47-1006 MHz
Gain		41 dB
Output level CENELEC 42ch,	flat	111 dBµV
	6 dB slope	114 dBµV
- CSO, CTB		≥ 60 dB
Noise figure	up to 600 MHz	≤ 6 dB
	up to 1000 MHz	≤ 9 dB
- Attenuator	Rotary switch 16 steps per 1 dB	0-15 dB
- Equalizer	Rotary switch 16 steps per 1.5 dB	0-22.5 dB
- Interstage attenuation	(Jumper)	0 / 5 dB
- Interstage equalizer	(Jumper)	0 / 3 / 6 / 9 dB
HF output test socket		-20 dB (directional coupler)
Input test point		-20 dB (resistive test point)

Return path

Frequency range		5-30 MHz
Gain		24 dB
Noise figure		≤ 6 dB
Output level	2nd, 3rd order	typ. 112 dBµV
Output attenuator	1-dB-steps	0-15 dB
- Interstage attenuator	(Jumper)	0 / 5 dB
- Interstage equalizer	(Jumper)	0 / 3 / 6 / 9 dB

General

Operating voltage	180-265 VAC / 50/60 Hz
Power consumption	typ. 18 W
Connectors	F type
Output splitter	4 dB
Impedance	75 Ω
Operating temperature	-20 °C...+55 °C
Storage temperature	-25 °C...+75 °C
Max. humidity, non condensing	95 %
Protection class	IP 66
Lightning protector RF connectors	4 kV [1]
[1] EN 61000-4-5 1.2/50 µs pulse	
Operation indicator	LED green
EMC	EN 50083-2

Block diagram

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