

Distribution Amplifier 85-1006MHz 41dB Gain plus Return Path 5-65MHz 14MM-VX26H

The VX26H is a 41dB gain locally powered distribution amplifier with an integrated 5-65MHz return path channel and diplex filter. With it's IP66 rating it is perfect for use in harsh environments such as pedestals and other types of outdoor enclosures.



Features and Benefits

- » Downstream frequency range 85-1006MHz with 41dB gain, Upstream frequency range 5-65MHz with 24dB gain
- » Integrated return channel and diplexers
- » All settings via exact switching step (Q-step) or jumper
- » 111 dBµV (CENELEC 42 channels, flat, CSO/CTB >65 dB/>60 dB)
- » Lightning protection HF- connections 4 kV with IP66 water and dust protection rating
- » Foxtel approved (F30783)



14MM-VX26H Specifications

Downstream	
Input measurement socket	20 dB (resistance)
Input return loss	>18 dB (-1 dB/oct.)
Frequency range downstream	85-1006 MHz
Gain downstream	41 dB
Noise figure downstream	<6 dB up to 600 MHz; <9 dB up to 1000 MHz
Attenuator downstream	0-15 dB (1 dB-steps)
Equalizer downstream	0-22.5 dB (1.5 dB-steps)
Interstage attenuator downstream	0/5 dB (Jumper)
Interstage equalizer downstream	0/3/6/9 dB (Jumper)
Output level 1	111 dBµV (CENELEC 42 channels, flat, CSO/CTB >65 dB/>60 dB)
Output level 2	114 dBµV (CENELEC 42 channels, 6dB slope, with CSO / CTB 65/60 dB)
Output test point	-20 dB (directional coupler)
Upstream	
Frequency range upstream	5-65 MHz
Gain upstream	24 dB (return channel full channel load)
Noise figure upstream	<6 dB
Attenuator upstream input	0-15 dB (1 dB-steps)
Attenuator upstream output	0-15 dB (1 dB-steps + 5 dB Interstage Jumper)
Equalizer US	0/3/6/9 dB (Jumper)
Output level US	112 dBµV (1 TS 140)
Output test jack US	-20 dB
Connectors	
F-female	3 pieces
General Data	
Operating voltage AC	180-265 V (50/60 Hz)
Power consumption	18 W
Screening factor	Class A, EN 50083-2
Dimensions (width x height x depth)	231 x 158 x 85 mm
Operating temperature range	-20-+55 °C
Protection class	IP66
Lightning protection	4 kV (EN61000-4-5, 1,2/50 µs pulse)