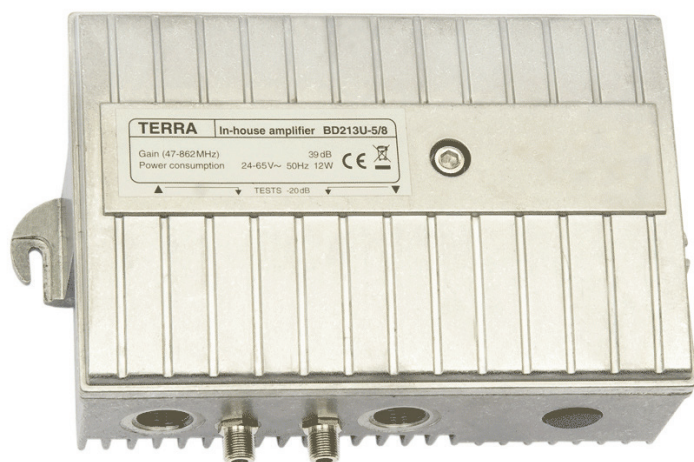


Amplifier, Forward Gain 39dB 47-862MHz, Passive Return Path, Remote Line Powered 14MM-BD213U-5/8



Features and Benefits

- » High output amplifier capable of high channel loads
- » Ga-As push pull amplification for low distortion
- » Variable gain control to set output of the amplifier and slope adjustment for cable compensation
- » Includes Passive Return Path module
- » Die-cast housing for high RF screening
- » Remote line powered (power supply sold separately, 14MM-PVS630)



14MM-BD213U-5/8 Specifications

Frequency Range Forward Path*	47/75/87-862MHz
Frequency Range Return Path*	5-30/55/65MHz
Gain Forward Path**	39dB
Gain Return Path	-2.5/19dB
Flatness***	±0.5dB
Gain Adjustment	18dB
Slope Adjustment Typical	18dB
Inverse Cable Equaliser	0-9dB in 1dB Step
Output Level CTB, CSO (EN50083-3)****	109dBµV (42 ch.)
Input and Output Return Loss*****	>14dB
Noise Figure	<7dB
Test Points Attenuation	-20dB
Power Consumption Remote Powering	24-65V ~ 50Hz 12W
AC pass current, switchable	2 A max.
Operating Temperature Range	-20°C + +50°C
Dimensions	180x132x76mm (main body); 213x132x76mm (with fixing ears)
Weight (packed)	1.4kg

* Depends on plug-in modules: return path passive pd 02-xx or active pr 02-xx (return path modules should be ordered separately)

** With link 0 dB instead of interstage attenuator JXP-xx and interstage equalizer; 4 dB and 6 dB JXP-xx attenuators are supplied in scope of the amplifier delivery

*** For amplifier with return path - ±0.7dB

****Measured with 6dB interstage equaliser

*****When f40MHz, return loss 14dB (40MHz) - 1.5dB/octave, but not less 10dB