

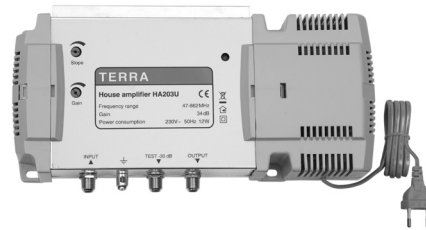


# House amplifiers with changeable plug-in modules High power amplifiers with interstage plug-ins

- flexibility provided by changeable plug-in modules:  
return path passive pd 02-xx, active pr 02-xx  
and interstage attenuator JXP-xx
- change of plug-ins without demounting  
the amplifier by easily removing the cover
- supplied with plug-in links
- GaAs push-pull output stage
- built-in adjustable gain & slope regulators
- metal-plastic housing for indoor mounting
- output test point and screw terminal for equipotential bonding

**HA203U**  
local powered

**HD203U**  
remote powered; switchable AC pass to output connector



Technical specifications		HA203U	HD203U
TYPE		HA203U	HD203U
Ordering number		01576	01577
Frequency	forward path*	47/75/87- 862 MHz	
range	return path*	5-30/55/65 MHz	
Gain	forward path**	34 dB	
	return path with pd 02-xx/pr 02-xx	-1.5/20 dB	
Flatness***		± 0.5 dB	
Gain adjustment		20 dB	
Slope adjustment, typical		18 dB	
Output level CTB, CSO (EN50083-3)		106 dBμV	
Input and output return loss****		> 14 dB	
Noise figure		< 7 dB	
Test point attenuation		- 30 dB	
Power	mains powering	230 V~ 50 Hz 12 W	-
consumption	remote powering	-	24-65 V~ 50 Hz 6 W
AC pass current, switchable		-	0.8 A max.
Operating temperature range		-20° ÷ +50° C	
Dimensions/Weight (packed)		243x125x53 mm/0.98 kg	243x125x53 mm/0.7 kg

\* depends on return path modules: 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; recommended maximal value of the attenuator - 6 dB (supplied in scope of the amplifier delivery)  
 \*\*\* for amplifiers with return path - ± 0.7 dB  
 \*\*\*\* when f≥40 MHz, return loss ≥14 dB (40 MHz) - 1.5 dB/octave, but not less 10 dB

