



# 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 or active pr 02-xx, interstage attenuator JXP, slope pre-correction and adjustable gain & slope regulators
- supplied with plug-in links
- GaAs push-pull output stage
- weatherproof and RF-screened die-cast housing
- test points: input - bi-directional, output - directional

**BA203U**

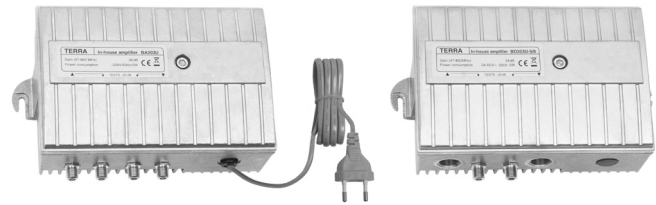
local powered; F connectors

**BD203U**

remote powered; switchable AC pass to output; F connectors

**BD203U-5/8**

remote powered; switchable AC pass to output; input and output connector 5/8"



Technical specifications		BA203U	BD203U	BD203U-5/8
TYPE				
Ordering number		00597	00598	00599
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		-2.5/19 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			< 6.5 dB	
Test points attenuation			- 20 dB	
Power	mains powering	230 V~ 50 Hz 5 W		-
consumption	remote powering	-		24-65 V~ 50 Hz 6 W
AC pass current, switchable		-		2 A max.
Operating temperature range				-20° ÷ +50° C
Dimensions		180x132x76 mm (main body); 213x132x76 mm (with fixing ears)		
Weight (packed)		1.4 kg		1.3 kg

\* 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 amplifiers with return path - ± 0.7 dB  
 \*\*\*\* measured with 6 dB interstage equalizer  
 \*\*\*\*\* when f≥40 MHz, return loss ≥14 dB (40 MHz) - 1.5 dB/octave, but not less 10 dB

