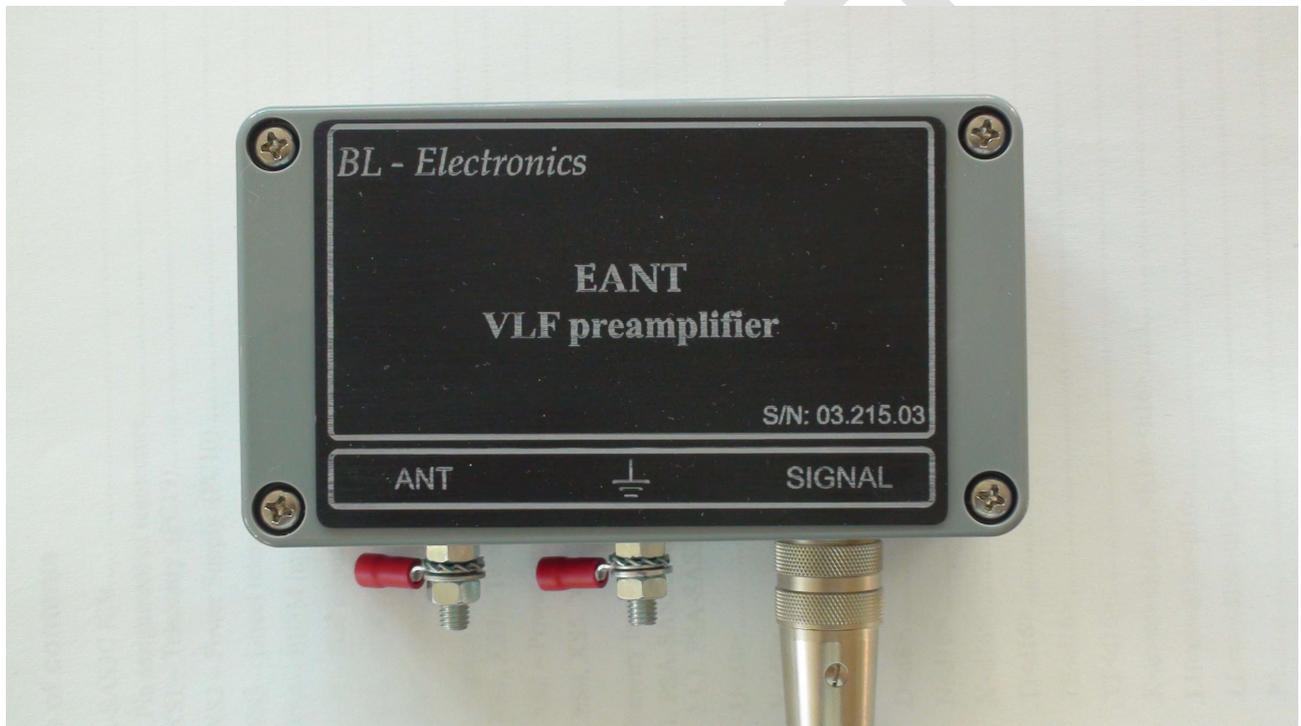


EANT1c VLF preamplifier



developed by
BL-Electronics

EANT1c VLF preamplifier

The EANT1c preamplifier was designed for a whip antenna. It has one channel. The used whip antenna is usually 3m-6m vertically oriented cable.

Technical parameters:

Transfer function:	see figure 1.
Gain:	+20 dB
Max. input signal:	250 mV _{pp}
Max. output signal:	2.5 V _{pp} differential
Differential output impedance:	970 Ω
Differential load impedance:	200 Ω
Size (mm):	115(W)*65(D)*40(H)
Input voltage:	+12V ±1V
Input current:	20mA

SIGNAL connector: (Binder 680-female 09-0328-00-07)

pin	signal name	
1	+12V	
2	PGND	
3	PGND	Power ground
4	GND	Signal ground
5	SHIELD	Cable shield
6	S+	Signal+
7	S-	Signal-

