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 Warszawa, October 8, 2015

FT-991 Band Data Cable for VL-1000 Band Data 2

(Some research at the interface between the transceiver and amplifier)



Photo 1. Original cable for VL-1000, DB15 connector disassembled. The two parts of the rear cover of the plug / socket. Band Data 2 connector (DB15) pins: connected only pin 9 and 11 (Original cable supplied with VL-1000). Photo by author.

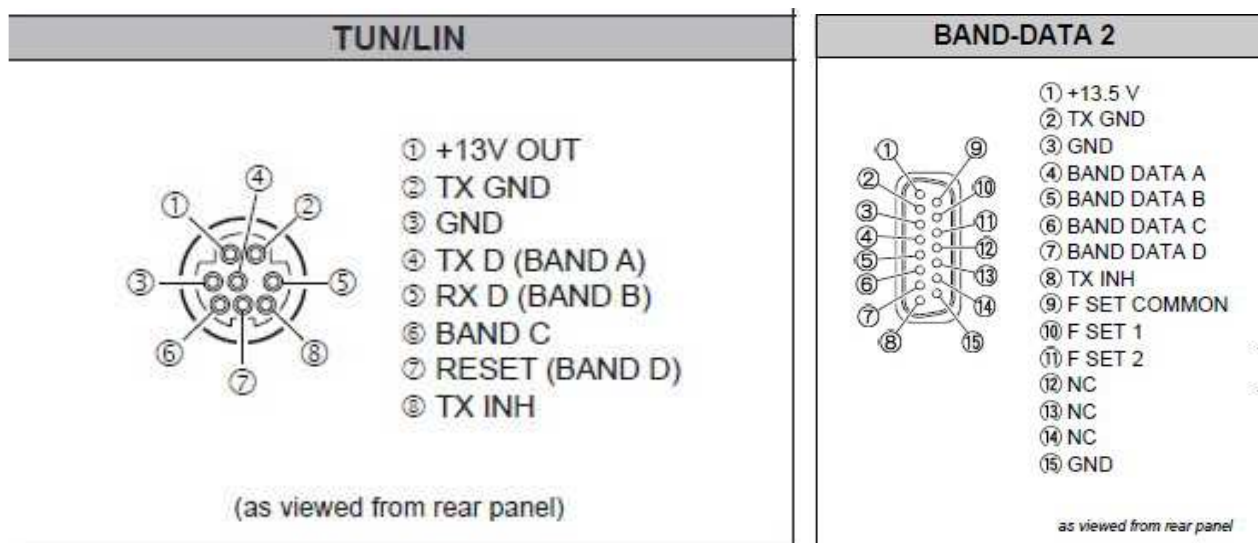


Photo 2. FT-991 pinout TUN/Linear

Photo 3. VL-1000 Band Data 2 pinout

*Band Data FT-991 Cable (mini DIN 8 connector) for VL-1000 Band Data 2 (DB15 connector)

Mini DIN 8 Pin number	Function-signal	Cable wire colour	DB15 Pin number	Function-signal
1	+13.5V	orange	1	+13.5V
2	TX GND	red	2	TX GND
3	GND	white	3	GND
4	TX D (BAND A)	brown	4	TX D (BAND A)
5	RX D (BAND B)	green	5	RX D (BAND B)
6	BAND C	blue	6	BAND C
7	RESET (BAND D)	yellow	7	RESET (BAND D)
8	TX INH	black	8	TX INH
			9	F SET COMMON
			10	F SET 1
			11	F SET 2
			12	NC
			13	NC
			14	NC
			15	GND
9	Screen ground	Stranded CuSn	16 Connector cover GND	Cable shield - GND
10	Double foil screen	Not direct connected	16 Connector cover GND	Cable shield - GND

*Mini DIN8 FT-991 cable constructed from one half of Mini DIN8 double plug HQ DAP Audio Cable. It is a 5mm high-quality cable, double aluminum foil screen, quite flexible.



Photo 3. Mini DIN8 double plug HQ DAP Audio Cable. Price approx. 10\$+PP.

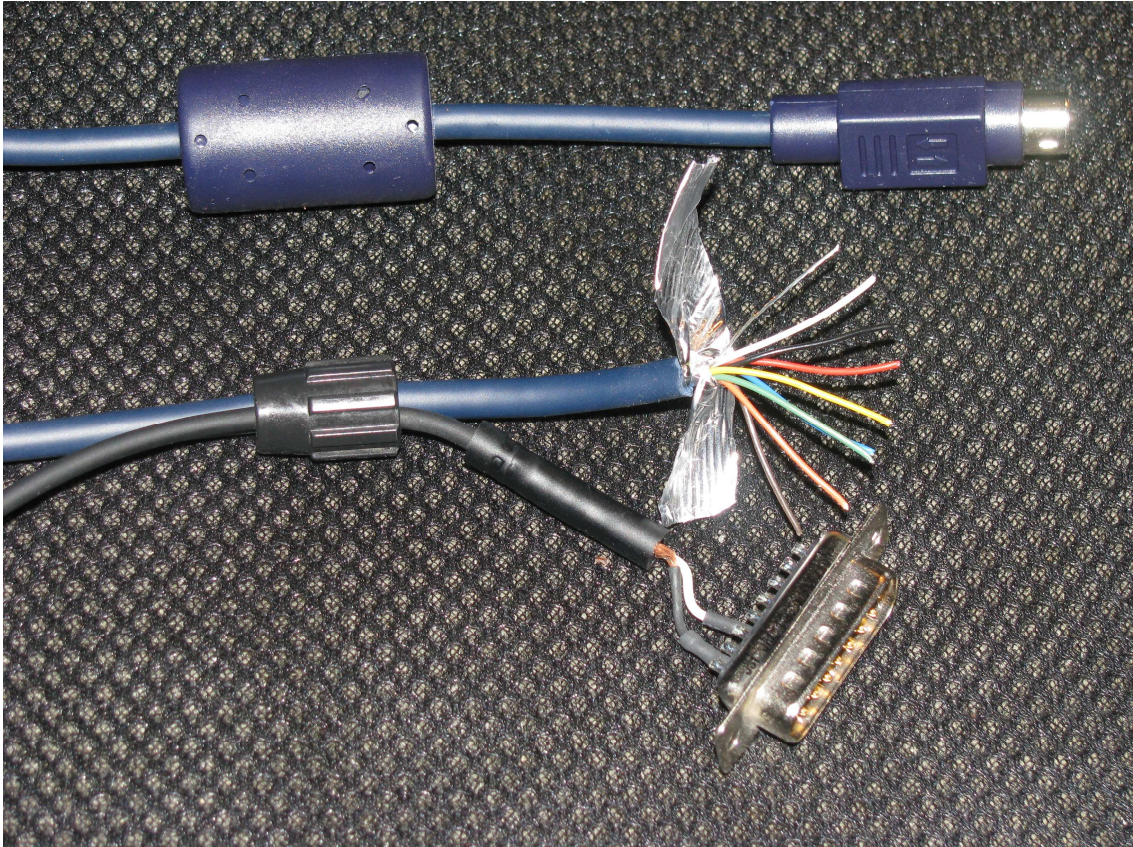


Photo 4. Mini DIN8 double plug HQ DAP Audio Cable cut off on one side and prepared for soldering to DB15 VL-1000 connector.

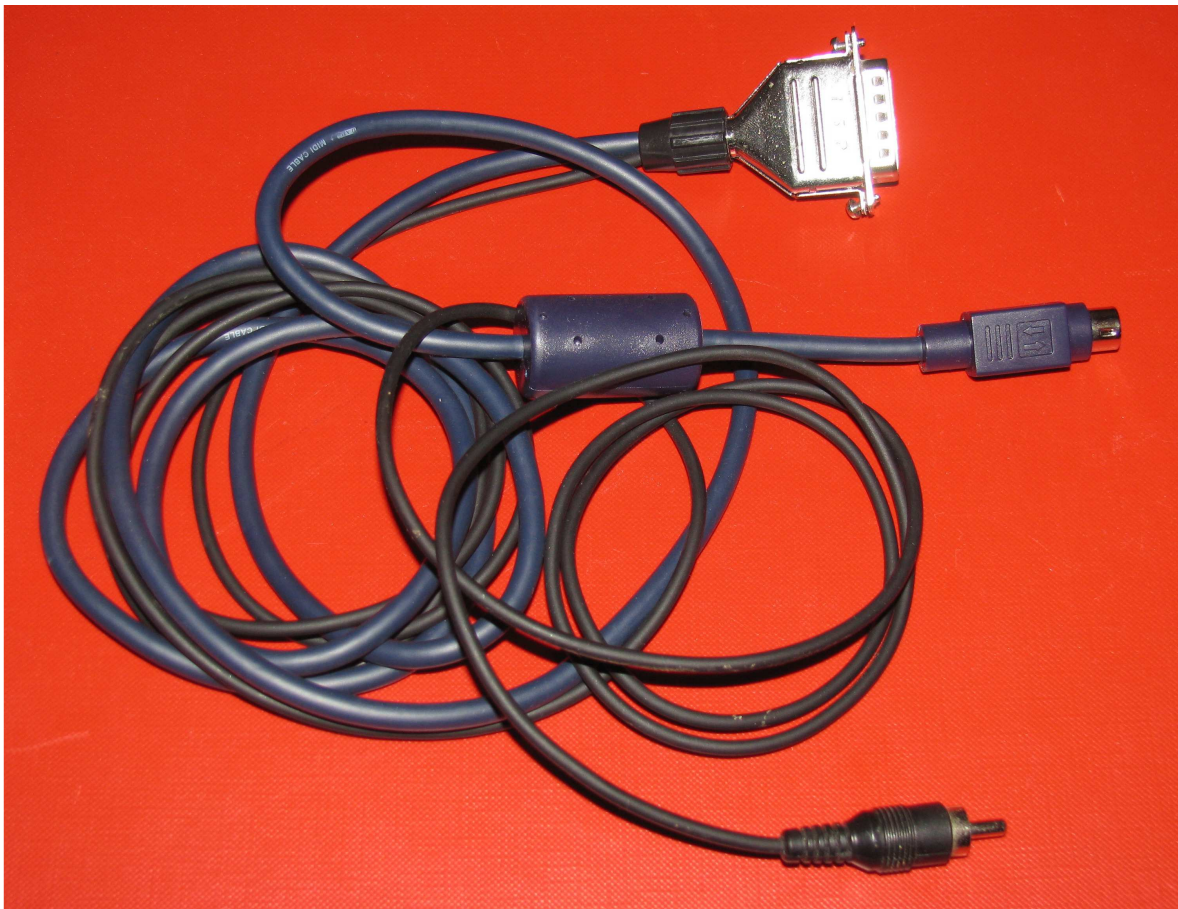


Photo 5. The final product. Mini DIN8 FT-991 plug to VL-1000 DB15 plug.