



Connection Notes

RIM_Lite to Icom IC-CYx000 Repeater

Cable Information:

RIM_Lite (DE-9)	Signal	IC-CYx000 (DB-25M)	Notes
1	→→ Aux. TX Audio →→	20	CTCSS encode
2	→→ Main TX Audio →→	8	Voice TX Audio
3	←← COS in ←←	17	GPIO17 - Busy Output - Active Low
4	←← CTCSS in ←←	21	GPIO21 - Analog Audible Out – Active Low
5	→→ PTT →→	19	GPIO19 - EPTT In – Active Low
6	←← RX Audio (Discriminator) ←←	9	Discriminator Audio
7	→→ PC_OK →→	15	GPIO15 (optional)
8	←← Ground →→	7, 14	
9	←← Ground →→		

NOTES:

In AllStar set:
 carrierfrom=usbinvert and ctcssfrom=usbinvert
 txmixa=voice
 txmixb=tone

RX De-emph. will need to be turned ON due to discriminator RX audio.