

TYT-TH9000 to Alinco pinned DB-9 Female

Cable Information:

↑ ↑ Front of Radio	PC Board	Signal	DE-9	Notes
	1	←← Ground →→	5	
	2	←← TX Audio ←←	9	Voice TX – Mic input (No Tone)
	3	→→ COS →→	1	Active Low – Normally 5v
	4	→→ RX Audio →→	2	De-Emph and PL filtered
	5	←← PTT ←←	7	
	6	←← +5v →→	N/A	

Radio PCB Connector Notes:

Connectors are a JST ZR series 6-pin.

JST Part #	DigiKey Part #	Notes
A06ZR06ZR28H102A	455-4312-ND	JST ZR 6-pin 4" long (Correct length)
A06ZR06ZR28H152A	455-3027-ND	JST ZR 6-pin 6" long (Too long)
A06ZR06ZR28H203B	455-4315-ND	JST ZR 6-pin 8" long (Cut In half)

Threaded holes are M2.5 x .45.

