

## PTC Modem to Radio Cable Reference

Manufacturer	Model/Type	Audio Cable	Control Cable <i>For IPro &amp; IUSB Only</i>	Notes <span style="float: right; font-size: small;">v101009</span>
FlexRadio	3000	9080	None	Contact Farallon for a cable solution. Radio control is via Firewire direct from PC. Requires PowerSDR 1.18.0 or greater.
FlexRadio	5000	9080	None	Contact Farallon for a cable solution. Radio control is via Firewire direct from PC. Requires PowerSDR 1.18.0 or greater.
Furuno	1501	9088 Audio/Control Y- cable	9088 (5ft)	Only one 9088 is needed per radio. Radio requires optional Telex board 005-923-670, filter 000-113-494, connector 000-125-319, gasket 100-087-843
Furuno	1502	9088 Audio/Control Y- cable	9088 (5ft)	Only one 9088 is needed per radio. Radio requires optional Telex board 005-920-310, filter 000-113-494, connector 000-125-319, gasket 100-087-843
Furuno	1503	9088 Audio/Control Y- cable	9088 (5ft)	Only one 9088 is needed per radio. Radio requires optional Telex board 005-939-810, filter 000-116-693, connector 000-125-319, gasket 100-087-843
Furuno	1503-EM	9088 Audio/Control Y- cable	9088 (5ft)	Only one 9088 is needed per radio. Telex board, etc. comes installed with this radio
Furuno	1562	9088 Audio/Control Y- cable	9088 (5ft)	Only one 9088 is needed per radio. Telex board, etc. comes installed with this radio
Harris	5022	8020 (5ft)	No Control	This radio does not have a control port or supply power to the modem via the Audio cable. Power cable <b>p/n 9000 must be used with this radio.</b>
Icom	77	9090 (6ft)	8081 (6ft)	
Icom	78	9095 (6ft)	8081 (6ft)	
Icom	703	9095 (6ft)	8081 (6ft)	
Icom	706	9095 (6ft)	8081 (6ft)	
Icom	706 Mk II	9095	8081 (6ft)	
Icom	706 Mk IIG	9095	8081 (6ft)	
Icom	707	9090 (6ft)	8081 (6ft)	
Icom	718	9095 (6ft)	8081 (6ft)	
Icom	720A	none	none	Not suitable for digital communications
Icom	725	9090 (6ft)	8081 (6ft)	
Icom	728	9090 (6ft)	8081 (6ft)	
Icom	729	9090 (6ft)	8081 (6ft)	
Icom	730	none	none	Not suitable for digital communications
Icom	735	9090 (6ft)	8081 (6ft)	
Icom	736	9090 (6ft)	8081 (6ft)	
Icom	737	9090 (6ft)	No control	This radio does not have a control port

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Icom	738	9090 (6ft)	8081 (6ft)	
Icom	740	none	none	Not suitable for digital communications
Icom	745	none	none	Not suitable for digital communications
Icom	746	9090 (6ft)	8081 (6ft)	
Icom	746 Pro	9090 (6ft)	8081 (6ft)	
Icom	751	none	none	Not suitable for digital communications
Icom	756	9090 (6ft)	8081 (6ft)	
Icom	756 Pro/III	9090 (6ft)	8081 (6ft)	
Icom	761	none	none	Not suitable for digital communications
Icom	765	none	none	Not suitable for digital communications
Icom	775	9090 (6ft)	8081 (6ft)	
Icom	781	9090 (6ft)	8081 (6ft)	
Icom	7000	9095 (6ft)	8081 (6ft)	
Icom	7200	9095 (6ft)	8081 (6ft)	
Icom	7800	9090 (6ft)	8081 (6ft)	
Icom	M700 Pro	9090 (6ft) 9091 (12ft)	8086 (6ft)	Order 8040 Serial cable for extending 8086 to 12ft length
Icom	M710	9090 (6ft) 9091 (12ft)	8086 (6ft)	Order 8040 Serial cable for extending 8086 to 12ft length
Icom	M710 RT	9090 (6ft) 9091 (12ft)	8086 (6ft)	Order 8040 Serial cable for extending 8086 to 12ft length
Icom	M800	9090 (6ft)	No control	This radio does not have a control port
Icom	M802	9090 (6ft) 9091 (12ft)	8083 (6ft) 8084 (12ft)	
Icom	M810	9090 (6ft)	No control	This radio does not have a control port
<b>Control Cables for Icom Marine Radios direct to PC serial port</b>	M700PRO M710 M710RT		8088 (6ft) 8090 (12ft)	For frequency control direct from computer serial port to "Remote" DB-9 port on radio. <b>For use with PTC-II, IIe and IIex</b>
<b>Packet Radio Cables</b>				
Icom	For 1200 Baud	8120		For transceivers equipped with 6 pin mini-DIN socket
Icom	For 9600 Baud	8050		For transceivers equipped with 6 pin mini-DIN socket
Kenwood	TKM707	none	none	Not suitable for digital communications
Kenwood	TS50S	MFJ-1272B	No Control	This radio does not have a control port or supply power to the modem via the Audio cable. Power cable <b>p/n 9000 must be used with this radio.</b>
Kenwood	TS130S	none	none	Not suitable for digital communications

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Kenwood	TS140S	9096 (6ft)	No Control	This radio does not have a control port or supply power to the modem via the Audio cable. <b>Power cable p/n 9000 must be used with this radio.</b>
Kenwood	TS430	none	none	Not suitable for digital communications
Kenwood	TS440	9096 (6ft)	No Control	This radio does not have a control port or supply power to the modem via the Audio cable. <b>Power cable p/n 9000 must be used with this radio.</b>
Kenwood	TS450S	9097 (6ft)	8097 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS480HX	8120 (6 ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS480SAT	8120 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS570D	9097 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS570S	9097 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS680S	9097 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS690S	9097 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS850S	9097 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS870S	9097 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS940S	9097 (6ft)	No Control	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Kenwood	TS2000	9097 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
<b>Packet Radio Cables</b>				
Kenwood	For 1200 Baud	8120		For transceivers equipped with 6 pin mini-DIN socket
Kenwood	For 9600 Baud	8050		For transceivers equipped with 6 pin mini-DIN socket
Micom	2E			Consult Farallon for cable solution
Micom	3			Consult Farallon for cable solution
SGC	2000	8020	8083	
Skanti	8000/8750	8020	No control	This radio does not have a control port. <b>Power cable p/n 9000 must be used with this radio.</b> Interface via TS601

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TenTec	Orion II	8123	8080	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
TenTec	Jupiter	8123	8080	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
TenTec	Omni VII	8123	8080	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	747GX	none	none	Not suitable for digital communications
Yaesu	757GX	none	none	Not suitable for digital communications
Yaesu	767GX	none	none	Not suitable for digital communications
Yaesu	FT100	8120 (6ft)	8130 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT1000	8123 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT450	8120 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT600	8125 (6ft)	None	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT817	8120 (6ft)	8130 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT840	MFJ-1272B Microphone - modem switching box	Not available	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT847	8127 (6ft)	8085 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT857	8120 (6ft)	8130 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT897	8120 (6ft)	8130 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT900	8125 (6ft)	None	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT920	8123 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT950	8120 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT950	8120 (6 ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT1000 MkV	8123 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.

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Yaesu	FT1000 MP	8125 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT1000 MP MkV	8123 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
Yaesu	FT2000	8123 (6ft)	8080 (6ft)	<b>Power cable p/n 9000 must be used with this radio,</b> the radio does not supply power to the modem via the Audio cable.
<b>Packet Radio Cables</b>				
Yaesu	For 1200 Baud	8120		For transceivers equipped with 6 pin mini-DIN socket
Yaesu	For 9600 Baud	8050		For transceivers equipped with 6 pin mini-DIN socket
<b>Audio Cable Color Cross Reference (SCS factory cables to Farallon pre-fab cables)</b>				
SCS color	Farallon color	Modem side pin number	Function	
Violet	Red	1	Audio output from the PTC to the transmitter.	
White	Black	2	Ground	
Yellow	Yellow	3	PTT output. (to transmitter PTT line)	
Green	Orange	4	Audio input from the receiver to the PTC. (loudspeaker or appropriate AUC/ACC socket)	
Blue		5	Optional power supply input.	
Red		6	A1	
Black		7	FSK output from the PTC to the transmitter.	
Brown		8	A0	