

37 pin male connector on X (to be removed and not reused) end of existing cable
rear (solder-side) view, with key up, reading RIGHT TO LEFT, top to bottom (4-4-4 pentagon)
"TO TRANSCEIVER"
the other end appears to be wired the same

yellow to help group pins in hexagonal rows

pink for kw but not tuner, so is not on 24 pin coupler

signal	contact id	jacket color	major stripe	minor stripe	combined wire	dup wire	39 contact pin id	24 contact pin id	note
BAND 1 SELECT	37-A	WH	BN	OR	WHBNOR		39-W		
BAND 2 SELECT	37-B	WH	BN	GN	WHBNGN		39-j		
BAND 3 SELECT	37-C	WH	BN	PU	WHBNPU		39-V		
BAND 4 SELECT	37-D	WH	RD	OR	WHRDOR		39-k		
BAND 5 SELECT	37-E	WH	BN	RD	WHBNRD		39-U		
BAND 6 SELECT	37-F	WH	BN	YE	WHBNEY		39-i		
BAND 7 SELECT	37-G	WH	BN	BU	WHBNBU		39-T		
BAND 8 SELECT	37-H	WH	BN	GY	WHBNGY		39-S		
COUPLER DETECT	37-J	WH	RD	YE	WHRDYE		39-B	24-T	
TUNE COMMAND	37-K	PU			PU		39-L	24-B	<- not labeled on radio schematic ^ found it on the 37/39 cross table
TUNE LIGHT	37-L	GY			GY		39-Z	24-Z	
FAULT LIGHT	37-M	WH			WH		39-D	24-Y	
READY LIGHT	37-N	WH	BK		WHBK		39-C	24-U	
KW DETECT	37-P	WH	BN		WHBN		39-Y		
KW POWER ON	37-R	WH	RD		WHRD		39-d		
28V TUNE ENABLE	37-S	BK			BK		39-A	24-R	
CHANNEL 2-6	37-T	BN			BN		39-H	24-Q	
CHANNEL 2-0	37-U	RD			RD		39-E	24-K	
CHANNEL 2-5	37-V	OR			OR		39-n	24-J	
CHANNEL 2-1	37-W	YE			YE		39-a	24-L	
CHANNEL 2-7	37-X	GN			GN		39-c	24-W	
CHANNEL 2-2	37-Z	BU			BU		39-F	24-E	
KW POWER SELECT	37-a	WH	GY		WHGY		39-J		
CHANNEL 2-3	37-b	WH	PU		WHPU		39-b	24-F	
KW POWER DETECT 1	37-c	WH	BU		WHBU		39-R		
CHANNEL 2-4	37-d	WH	GN		WHGN		39-G	24-A	
KW POWER DETECT 2	37-e	WH	YE		WHYE		39-g		
KW FORWARD POWER	37-f	WH	OR		WHOR		39-p		
KW REFLECTED POWER	37-g	WH	BK	GY	WHBKGY		39-K		
GROUND	37-h	WH	BK	BU	WHBKBU		39-m	24-G	
NC	37-j	WH	BK	YE	WHBKYE				
BAND 0 SELECT	37-k	WH	BK	RD	WHBKRD		39-h		
KW ALC	37-m	WH	RD	GN	WHRDGN		39-M		
NC	37-n	WH	BK	PU	WHBKPU				
KEYLINE ACCESSORY	37-p	WH	BK	GN	WHBKGN		39-X	24-V	
KW ACC	37-r	WH	BK	OR	WHBKOR		39-N		
+28 VDC	37-s	WH	BK	BN	WHBKBN		39-r	24-S	