

LAIRD TUF-DUCK® PORTABLE ANTENNA CROSS REFERENCE CHART

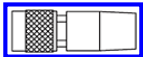
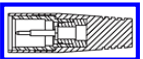


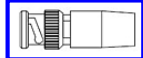
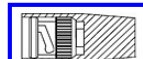


NOTE: All antennas with the Frequency marker "-000-" are untuned and span the entire frequency range.
 A cutting chart is on the package.



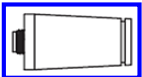

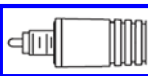



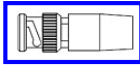

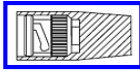



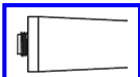

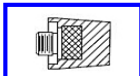

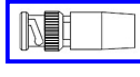

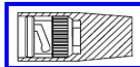

All antennas with the Frequency marker "-XXX-" are cut for the specified frequency band

<u>Marker</u>	<u>Frequency Range</u>	<u>Marker</u>	<u>Frequency Range</u>
-118	118 - 127 MHz	-400	400 - 420
-127	127 - 136	-410	410 - 430
-136	136 - 144	-420	420 - 450
-144	144 - 148	-450	450 - 470
-150	150 - 162	-470	470 - 512
-155	155 - 164	-806	806 - 866
-161	161 - 174	-821	821 - 902
-164	164 - 174	-902	902 - 960
-220	220 - 225	-1850	1850 - 1970
-308	308 - 322	-2400	2400 - 2500
-312	312 - 318		

LAIRD TUF-DUCK® PORTABLE ANTENNA STYLES for TWO WAY RADIO AND TRUNKING

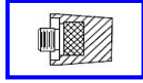


Radio Model	Connector Type	Connector Drawing	Frequency 118 - 225 MHz	Length	Range UHF (420-470)	Length	Range 800 (806-866)	
ICOM								
IC-F10	TN		EXB-000-TN	6 onch	EXC-000-TN	6 inch	EXC-000-TN	
IC-F20			EXS-000-TN	3 1/2 inch	EXD-450-TN	3 inch	EXE-806-TN	
IC-F30			TS-118-TN	17 inch	EXG-400-TN	10 inch		
IC-F40			EXG-420-TN	10 inch	EXG-450-TN	10 inch		
IC-H16								
IC-H28	TNX		EXB-000-TNX	6 onch	EXC-000-TNX	6 inch	EXC-000-TNX	
IC-H8S			EXS-000-TNX	3 1/2 inch	EXD-450-TNX	3 inch	EXE-806-TNX	
IC-U28								
IC-U8								
ICOM								
F50/F60	SMI (icom)		EXS-000-SMI	3 1/2 inch	EXD-450-SMI	3 inch		
			EXH-150-SMI	10 3/4 inch				
			EXH-155-SMI	10 1/4 inch				
			EXH-160-SMI	9 3/4 inch				
			EXH-165-SMI	9 1/2 inch				
			EXH-170-SMI	9 1/2 inch				
ICOM								
F11	MXI (icom)		EXB-000-MXI	6 onch	EXC-000-TN	6 inch	EXC-000-TN	
F11S			EXS-000-MXI	3 1/2 inch	EXD-450-TN	3 inch	EXE-806-TN	
F14			EXH-150-MXI	10 3/4 inch				
F14S			EXH-155-MXI	10 1/4 inch				
F30GS			EXH-160-MXI	9 3/4 inch				
F3GS			EXH-165-MXI	9 1/2 inch				
F40			EXH-170-MXI	9 1/2 inch				
F4021								
F4061								
F43								
F4GS								
F43GS								
F43TR								
F80								
Kenwood								
TK100	BN		EXB-000-BN	6 inch	EXC-000-BN	6 inch	EXC-000-BN	
TK200			EXS-000-BN	3 1/2inch	EXD-000-BN	3 1/2inch	EXE-806-BN	
TK210			EXH-150-BN	10 3/4 inch	EXG-400-BN	10 inch		
TK220			EXH-155-BN	10 1/4 inch	EXG-420-BN	10 inch		
TK300			EXH-160-BN	9 3/4 inch	EXG-450-BN	10 inch		
			EXH-165-BN	9 1/2 inch				
TK310	BNX Skirted Connector		TS-118-BN	17 inch				
TK320			EXB-000-BNX	6 inch	EXC-000-BNX	6 inch	EXC-000-BNX	
			EXS-000-BNX	3 1/2inch	EXD-000-BNX	3 1/2inch	EXE-806-BNX	
Kenwood								
TK230	MX		EXB-000-MX	6 inch	EXC-000-MX	6 inch	EXC-000-MX	
TK240			EXS-000-MX	3 1/2inch	EXD-450-MX	3 1/2inch		
TK250			EXH-150-MX	10 3/4 inch				
TK260			EXH-155-MX	10 1/4 inch				
TK270			EXH-160-MX	9 3/4 inch				
TK330			EXH-165-MX	9 1/2 inch				
TK340			EXH-170-MX	9 1/2 inch				
TK350								
TK353								
TK360			TS-118-MX	17 inch				
TK370								
TK430								
TK431								
Kenwood								
TK190	close but not a perfect fit		EXB-150-SFU	6 inch	EXC-450-SFU	6 inch	EXC-806-SFU	
TK260G			EXS-150-SFU	3 1/2inch	EXD-450-SFU	3 1/2inch	EXE-806-SFU	
TK270G			EXH-150-SFU	10 3/4 inch				
TK272G			EXH-155-SFU	10 1/4 inch				
TK280			EXH-160-SFU	9 3/4 inch				
TK285			EXH-165-SFU	9 1/2 inch				
TK290			EXH-170-SFU	9 1/2 inch				
TK360G								
TK360GK=								
TK370G								
TK370G-1								
TK372G								
TK373G								
TK380								
TK385								
TK390								
TK480								
TK481								
TK2100								
TK2140								
TK3100								
TK3102								
TK3140								
TK5400								

Kenwood									
TK481 TK760G	SFJ			EXB-000-SFJ EXS-000-SFJ EXH-150-SFJ EXH-155-SFJ EXH-160-SFJ EXH-165-SFJ EXH-170-SFJ	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch	EXC-000-SFJ EXD-450-SFJ	6 inch 3 1/2 inch	EXC-000-SFJ EXE-806-SFJ	4 inch 8 inch
TK-90 series TK-80 Series 60G 70G	SFK			EXH-150-SFK EXH-155-SFK EXH-160-SFK EXH-165-SFK EXH-170-SFK	10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch				
MPA MPD MRK MTL TPX	MD			EXB-000-MD EXS-000-MD EXH-150-MD EXH-155-MD EXH-160-MD EXH-165-MD EXH-170-MD	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch	EXC-000-MD EXD-450-MD	6 inch 3 1/2 inch	EXC-000-MD	4 inch
SP120 SP2550 SL70	MX			EXB-000-MX EXS-000-MX EXH-150-MX EXH-155-MX EXH-160-MX EXH-165-MX EXH-170-MX TS-118-MX	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch 17 inch	EXC-000-MX EXD-450-MX	6 inch 3 1/2 inch	EXC-000-MX	4 inch
Maxon CP series	BN			EXB-000-BN EXS-000-BN TS-118-BN	6 inch 3 1/2 inch 17 inch	EXC-000-BN EXD-450-BN EXG-400-BN EXG-420-BN EXG-450-BN	6 inch 3 inch 10 inch 10 inch 10 inch	EXC-000-BN	4 inch
	BNX			EXB-000-BNX EXS-000-BNX	6 inch 3 1/2 inch	EXC-000-BNX EXD-450-BNX	6 inch 3 inch	EXC-000-BNX	4 inch
CP510 CP520 SL500 SL70 SP120 SP2550 SP2850	HT			EXB-000-HT EXS-000-HT TS-118-HT	6 inch 3 1/2 inch 17 inch	EXC-000-HT EXD-450-HT	6 inch 3 inch	EXC-000-HT	4 inch
TP4800 TP4801 SP220 SP230 SP240 SP250	SF			EXB-000-SF EXS-000-SF EXH-150-SF EXH-155-SF EXH-160-SF EXH-165-SF EXH-170-SF	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch	EXC-000-SF EXD-450-SF	6 inch 3 inch	EXC-000-SF EXE-806-SF	4 inch 8 inch
70-148 70-166 70-195 70-245BXL 70-248 70-266 70-295	MX			EXB-000-MX EXS-000-MX EXH-150-MX EXH-155-MX EXH-160-MX EXH-165-MX EXH-170-MX TS-118-MX	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch 17 inch	EXC-000-MX EXD-450-MX	6 inch 3 1/2 inch	EXC-000-MX	4 inch
70-245BXT	BN			EXB-000-BN EXS-000-BN TS-118-BN	6 inch 3 1/2 inch 17 inch	EXC-000-BN EXD-450-BN EXG-400-BN EXG-420-BN EXG-450-BN	6 inch 3 inch 10 inch 10 inch 10 inch	EXC-000-BN	4 inch
	BNX			EXB-000-BNX EXS-000-BNX	6 inch 3 1/2 inch	EXC-000-BNX EXD-450-BNX	6 inch 3 inch	EXC-000-BNX	4 inch

Motorola									
CT250									
Expo									
GP300									
GP350									
HT10									
HT50									
HT600									
HT750									
MT100									
MT1000									
MX300									
HT1250									
P10									
P50									
P100									
P110									
P200									
Radius									
Saber									
SP50									
SP2000									
SP2550									
SP2850									
Spirit									

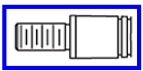
MX



EXB-000-MX	6 inch	EXC-000-MX	6 inch	EXC-000-MX	4 inch
EXS-000-MX	3 1/2inch	EXD-450-MX	3 1/2inch		
EXH-150-MX	10 3/4 inch				
EXH-155-MX	10 1/4 inch				
EXH-160-MX	9 3/4 inch				
EXH-165-MX	9 1/2 inch				
EXH-170-MX	9 1/2 inch				
TS-118-MX	17 inch				

HT200									
HT210									
HT220									
MT									
MT500									
MT700									
MX600									

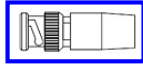
HT



EXB-000-HT	6 inch	EXC-000-HT	6 inch	EXC-806-HT	4 inch
EXS-000-HT	3 1/2 inch	EXD-450-HT	3 inch		
TS-118-HT	17 inch				

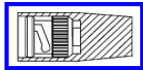
Motorola									
HT440									
HT90									

BN



EXB-000-BN	6 inch	EXC-000-BN	6 inch	EXC-000-BN	4 inch
EXS-000-BN	3 1/2inch	EXD-450-BN	3 inch		
TS-118-BN	17 inch	EXG-400-BN	10 inch		
		EXG-420-BN	10 inch		
		EXG-450-BN	10 inch		

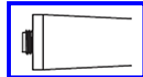
BNX



EXB-000-BNX	6 inch	EXC-000-BNX	6 inch	EXC-000-BNX	4 inch
EXS-000-BNX	3 1/2inch	EXD-450-BNX	3 inch		

Motorola									
ASTRO									
GP900									
GP1200									
HT800									
HT1000									
HT1250-LS									
LTS2000									
MT2000									
MTS2000									
MTX									
MTX800									
MTX8000									
MTX9000									
MX340									
MX360									
SP5050									
SP5050HD									
STX									
Visar									
XTS3000									
XTS5000									
MTP700									

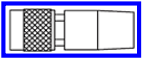
SF



EXB-000-SF	6 inch	EXC-000-SF	6 inch	EXC-000-SF	4 inch
EXS-000-SF	3 1/2 inch	EXD-450-SF	3 inch	EXE-806-SF	8 inch
EXH-150-SF	10 3/4 inch				
EXH-155-SF	10 1/4 inch				
EXH-160-SF	9 3/4 inch				
EXH-165-SF	9 1/2 inch				
EXH-170-SF	9 1/2 inch				

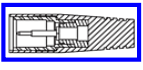
Reim									
PTU46B									
PTU46C									
PTV56									
RSP400									
RSP500B									
UC2200									
UC4200									
WHS150									
WHS450									

TN



EXB-000-TN	6 onch	EXC-000-TN	6 inch	EXC-000-TN	4 inch
EXS-000-TN	3 1/2 inch	EXD-450-TN	3 inch	EXE-806-TN	8 inch
TS-118-TN	17 inch	EXG-400-TN	10 inch		
		EXG-420-TN	10 inch		
		EXG-450-TN	10 inch		

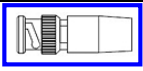
TNX



EXB-000-TNX	6 onch	EXC-000-TNX	6 inch	EXC-000-TNX	4 inch
EXS-000-TNX	3 1/2 inch	EXD-450-TNX	3 inch	EXE-806-TNX	8 inch

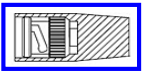
Reim									
500B									

BN



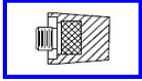

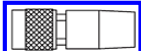

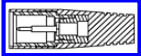


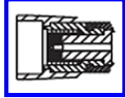

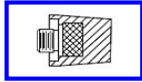

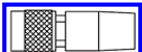

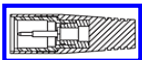



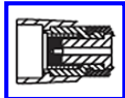



EXC-000-BN	4 inch
EXE-806-BN	8 inch

BNX



EXC-000-BNX	4 inch
EXE-806-BNX	8 inch

Reim										
RP416 RPV516a	SFU			EXB-000-SFU EXS-000-SFU EXH-150-SFU EXH-155-SFU EXH-160-SFU EXH-165-SFU EXH-170-SFU	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch	EXC-000-SFU	6 inch			
RTX-150 RTX-450 SST-150 SST450	MX			EXB-000-MX EXS-000-MX EXH-150-MX EXH-155-MX EXH-160-MX EXH-165-MX EXH-170-MX TS-118-MX	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch 17 inch	EXC-000-MX EXD-XXX-MX	6 inch 3 inch	EXC-000-MX	4 inch	
FTX-2008 FTX-2009 FTX-7008 FTX-7009 VX 500	TN			EXB-150-TN EXS-150-TN TS-118-TN	6 inch 3 1/2 inch 17 inch	EXC-450-TN EXD-450-TN	6 inch 3 1/2 inch	EXC-000-TN EXE-806-TN	4 inch 8 inch	
VX 10 VX160 VX180v VX210 VX400 VX600	TNX			EXB-150-TNX EXS-150-TNX	6 inch 3 1/2 inch	EXC-450-TNX EXD-450-TNX	6 inch 3 1/2 inch	EXC-000-TNX EXE-806-TNX	4 inch 8 inch	
	SM			EXB-150-SM EXS-150-SM EXH-150-SM EXH-155-SM EXH-160-SM EXH-165-SM EXH-170-SM	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch	EXC-450-SM EXD-450-SM	6 inch 3 1/2 inch	EXC-000-SM EXE-806-SM	4 inch 8 inch	
	SMV			EXB-150-SMV EXS-150-SMV EXH-155-SMV EXH-160-SMV EXH-165-SMV EXH-170-SMV	6 inch 3 1/2 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch	EXC-450-SMV EXD-450-SMV	6 inch 3 1/2 inch	EXC-000-SMV EXE-806-SMV	4 inch 8 inch	
510	MX			EXB-150-MX EXS-150-MX EXH-150-MX EXH-155-MX EXH-160-MX EXH-165-MX EXH-170-MX TS-118-MX	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch 17 inch					
HX-240 HX-241 HX-242 HX-340 HX-440 VX200 series	TN			EXB-150-TN EXS-150-TN TS-118-TN	6 inch 3 1/2 inch 17 inch	EXC-450-TN EXD-450-TN EXG-400-TN EXG-420-TN EXG-450-TN	6 inch 3 1/2 inch 10 inch 10 inch 10 inch	EXE-806-TN EXD-806-TN	8 inch 4 inch	
	TNX					DEXE806TN DEXC806TN		6inch 3 1/2inch 8inch 4inch		
HX-381 HX-580 HX-581 HX-582 HX-585	VHF 800 800	SM			EXB-150-SM EXS-150-SM EXH-150-SM EXH-155-SM EXH-160-SM EXH-165-SM EXH-170-SM	6 inch 3 1/2 inch 10 3/4 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch	EXC-450-SM EXD-450-SM	6 inch 3 1/2 inch	EXC-000-SM EXE-806-SM	4 inch 8 inch
		SMV			EXB-150-SMV EXS-150-SMV EXH-155-SMV EXH-160-SMV EXH-165-SMV EXH-170-SMV	6 inch 3 1/2 inch 10 1/4 inch 9 3/4 inch 9 1/2 inch 9 1/2 inch	EXC-450-SMV EXD-450-SMV	6 inch 3 1/2 inch	EXC-000-SMV EXE-806-SMV	4 inch 8 inch