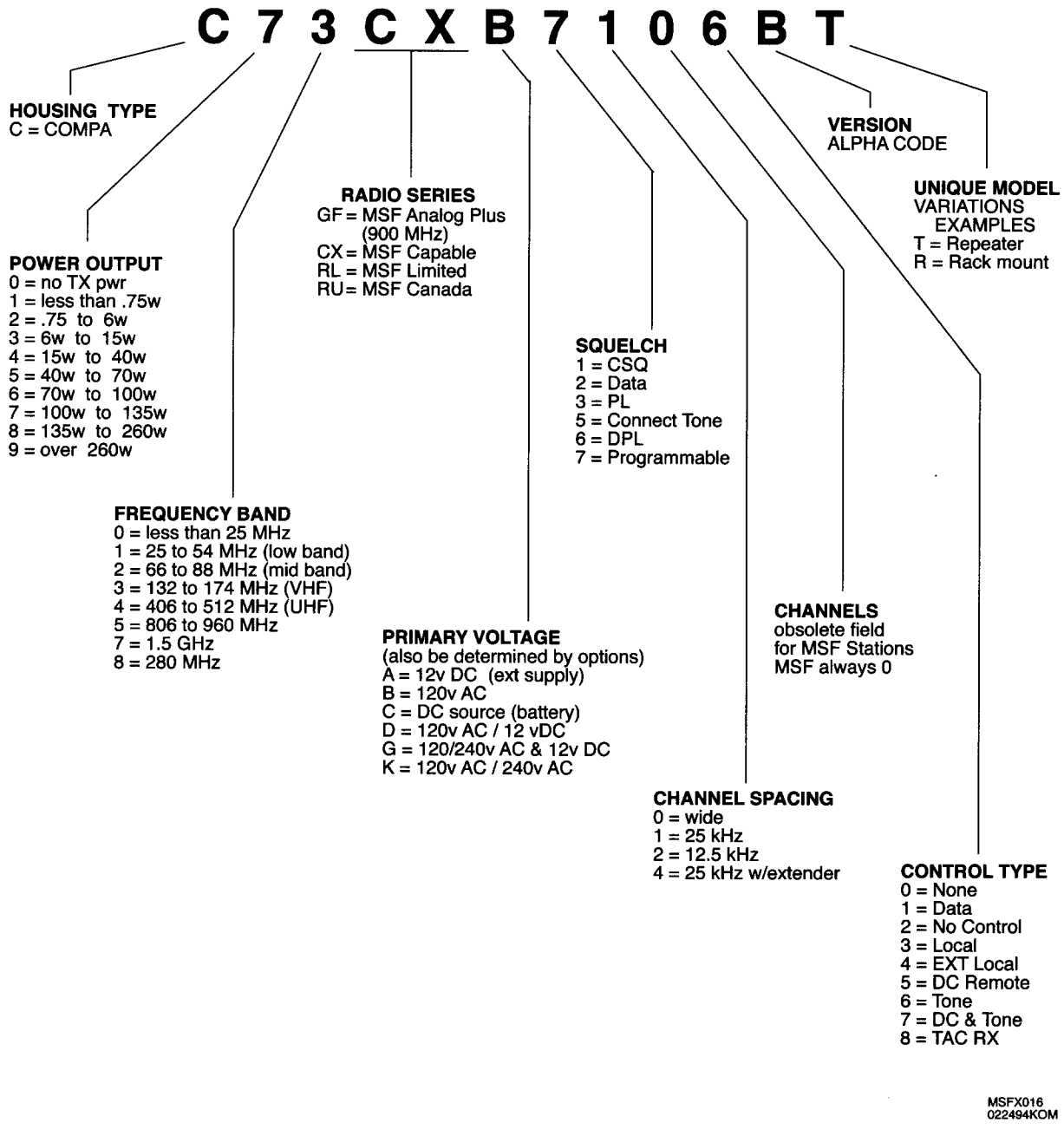
How to Interpret Motorola Model Numbers

Refer to the information provided below for breakdown of Motorola model numbers for the MSF 5000 station.



MSFX016
022494KOM

MODEL COMPLEMENT CHART FOR MSF 5000 DIGITAL CAPABLE STATIONS

UHF: 403-475 MHz

LEGEND:

= Items Supplied

* = Refer to 1st Item Breakdown Chart

@ = Frequency Dependent

403-435 MHz = Range 1

435-475 MHz = Range 2

DESCRIPTION	MODEL	TBN6583A 26" Universal Rack	TBN6584A 37" Universal Rack	TFE6591B Low Pass Filter	THN6663A 26" Universal Cabinet	THN6664A 37" Universal Cabinet	TKN8305A Line Interface Cable	TKN8315A Basic Base Cable	TKN8487A Watt Meter Cable	TKN8492A Line Interface Cable	TKN8498B 25' Trunking Central Controller Cable	TKN8499A Station Receiver Cable	TKN8500C Secure Smartnet System Cable	TKN8543A Trunked Tone Remote Control/J-Box Trunking Cable	TKN8573A Power Supply to Fan Cable	TKN8598A Interconnect Board Cable	TKN8605A Base Station Cable	TKN8606A Repeater Station Cable	TKN8607A RF Tray Cable	TKN8628A Station Cable	TKN8710A RX Loopback Cables	TKN8713A 26 Pin Ribbon Cables for SAM to Base Station Control	TKN8720A SAM to RLC Board Cable Kit	TKN8993A Expansion Cables	TLE2511A* 110W PA, 403-435 MHz	TLE2512A* 110W PA, 435-475 MHz	TLE2521A* 75W PA, 403-435 MHz	TLE2522A* 75W PA, 435-475 MHz	TLE2840A 3 Fan Kit	TLE5910B UHF Watt Meter	TLN2490A* 110V 15A 60Hz Lo Power Junction Box	TLN3022B* 110V 20A 60Hz Hi Power Junction Box	TLN3045C* MSF Encode/Decode Secure Module (Option)	TLN3112E* Trunked Tone Remote Control Audio Board	TLN3182A* Narrow Band Secure Capable Station Control Board (Option)	TLN3189A* VHF/UHF Secure Capable Station Control Board	TLN3221B* Station Access Module (SAM)	TLN3267A* Transparent Only Secure Module (Option)	TLN3319A* VHF/UHF Data Station Control Board	TPN1186B* 500W 60Hz Power Supply	TRN5177A Expansion Tray Hardware	TRN5178B Expansion Tray Power Supply Board	TRN5200A Blank Bezel	TRN5208B Antenna Relay
6W Data Base Station	C24CXB2106A			1					2			1				1					1	1	1	1						2	1						1		1	1	1	1	1	
6W Base Station	C24CXB7106B			1			1	1					1			1															1			1		1				1				1
6W Repeater Station	C24CXB7106BT			1			1					1	1			1															1			1		1				1				
15W Data Base Station	C34CXB2106A			1					2			1				1					1	1	1	1						2	1						1		1	1	1	1	1	
15W Trunked Station	C34CXB5103BT			1			1		1		1	1	1	1		1														1	1			1		1				1				
15W Base Station	C34CXB7106B			1			1	1					1			1															1			1		1				1				1
15W Repeater Station	C34CXB7106BT			1			1					1	1			1															1			1		1				1				
40W Data Base Station	C44CXB2106A			1					2			1				1					1	1	1	1						2	1						1		1	1	1	1	1	
40W Trunked Station	C44CXB5103BT			1			1		1		1	1	1	1		1														1	1			1		1				1				
40W Base Station	C44CXB7106B			1			1	1					1			1															1			1		1				1				1
40W Repeater Station	C44CXB7106BT			1			1					1	1			1															1			1		1				1				
25W Canada Conv. Base Station	C44RUB7106A			1			1	1					1			1															1			1		1				1				1
25W Canada Repeater Station	C44RUB7106AT			1			1					1	1			1															1			1		1				1				
75W Data Base Station	C64CXB2106A			1					2			1				1					1	1	1	1			@	@		2	1						1		1	1	1	1	1	
75W Trunked Station	C64CXB5103BT			1			1		1		1	1	1	1		1											@	@		1	1			1		1				1				
75W Base Station	C64CXB7106B			1			1	1					1			1											@	@			1			1		1				1				1
75W Repeater Station	C64CXB7106BT			1			1					1	1			1											@	@			1			1		1				1				
100W Ltd. Conv. Repeater Station	C64RLB7106B	1		1	1		1	1					1			1									@	@					1			1		1				1				1
100W Ltd. Base Station	C64RLB7106BT		1	1		1	1					1	1			1									@	@					1			1		1				1				
110W Data Base Station	C74CXB2106A			1					2			1				1					1	1	1	1	@	@			1	2	1						1		1	1	1	1	1	
110W Trunked Station	C74CXB5103BT			1			1		1		1	1	1	1	1	1									@	@			1	1	1			1		1				1				
110W Base Station	C74CXB7106B			1			1	1					1		1	1									@	@			1		1			1		1				1				1
110W Repeater Station	C74CXB7106BT			1			1					1	1		1	1									@	@			1		1			1		1				1				
225W Trunked Station	C84CXB5103BT			1					1	1	1		1	1	1				1	1									1	1		1		1		1				2				
225W Base Station	C84CXB7106B			1						1			1		1		1		1	1									1			1		1		1				2				
225W Repeater Station	C84CXB7106BT			1						1			1		1		1	1	1	1									1			1		1		1				2				

DESCRIPTION	MODEL	TRN5352A RF Connector Plug	TRN5353A Auxiliary Connector Plug	TRN5355A Battery Connector Plug	TRN5427A 110 Power Cord	TRN5954A Blank Bezel	TRN7039A Station Control Hardware	TRN7040A Tunked Tone Remote Control Bezel	TRN7188A Antenna Relay	TRN7200A Universal Tray Hardware	TRN7201A PA/PS Universal Hardware	TRN7225A Universal RF Tray Panel Hardware	TRN7247A Universal Blank 3.5" Panel Hardware	TRN7249A Universal Rails Label	TRN7252B UHF/800/900 Universal Peripheral Hardware	TRN7385A RF Interconnect Hardware	TRN7551A Station Access Module Bezel	TRN7717A FCC Label	TRN7754A Trunked Tone Remote Control Logic Board	TRN7794A Digital Tuning Tool Kit	TRN7882A 10.7 MHz IF 40dB RSSI/Loopback	TRN7987A UHF Ltd. Tray Panel Hardware	TRN7988A Label Kit w/ D.O.C.	TRN9512A Straight Coax N-Type Adaptor	TTE1521A* 40W PA, 403-435 MHz	TTE1522A* 40W PA, 435-475 MHz	TTE1541A* 15W PA,403-435 MHz	TTE1542A* 15W PA, 435-475 MHz	TTE1591A* Isolation Network, 403-435 MHz	TTE1592A* Isolation Network,435-475 MHz	TTE1731A* 110W PA Driver, 403-435 MHz	TTE1732A* 110W PA Driver, 435-475 MHz	TTE1741A* 225W Final PA, 403-435 MHz	TTE1742A* 225W Final PA, 435-475 MHz	TTE1811A* Single Circulator and Load, 403-435 MHz	TTE1812A* Single Circulator and Load, 435-475 MHz	TUE2001A* RF Tray, 403-435 MHz	TUE2002A* RF Tray, 435-475 MHz	TUE2131A* UHF WB INT REF RF Tray W/SSI/Loopback, 403-435 MHz	TUE2132A* UHF WB INT REF RF Tray W/SSI/Loopback, 435-475 MHz
6W Data Base Station	C24CXB2106A	1	1	1	1	2	1			1	1	1		1	1	1	1	1		1	1			1					@	@									@	@
6W Base Station	C24CXB7106B	2	2	1	1		1	1		1	1	1		1	1			1	1	1				1					@	@							@	@		
6W Repeater Station	C24CXB7106BT	1	2	1	1		1	1		1	1	1		1	1	1		1	1	1				1					@	@							@	@		
15W Data Base Station	C34CXB2106A	1	1	1	1	2	1			1	1	1		1	1	1	1	1		1	1			1			@	@											@	@
15W Trunked Station	C34CXB5103BT	1	1	1	1		1	1		1	1	1		1	1	1		1	1	1				1			@	@									@	@		
15W Base Station	C34CXB7106B	2	2	1	1		1	1		1	1	1		1	1			1	1	1				1			@	@									@	@		
15W Repeater Station	C34CXB7106BT	1	2	1	1		1	1		1	1	1		1	1	1		1	1	1				1			@	@									@	@		
40W Data Base Station	C44CXB2106A	1	1	1	1	2	1			1	1	1		1	1	1	1	1		1	1			1	@	@													@	@
40W Trunked Station	C44CXB5103BT	1	1	1	1		1	1		1	1	1		1	1	1		1	1	1				1													@	@		
40W Base Station	C44CXB7106B	2	2	1	1		1	1		1	1	1		1	1			1	1	1				1	@	@											@	@		
40W Repeater Station	C44CXB7106BT	1	2	1	1		1	1		1	1	1		1	1	1		1	1	1				1	@	@											@	@		
25W Canada Conv. Base Station	C44RUB7106A	2	2	1	1		1	1		1	1	1			1				1	1			1	1	@	@											@	@		
25W Canada Repeater Station	C44RUB7106AT	1	2	1	1		1	1		1	1	1			1	1			1	1			1	1	@	@											@	@		
75W Data Base Station	C64CXB2106A	1	1	1	1	2	1			1	1	1		1	1	1	1	1		1	1			1															@	@
75W Trunked Station	C64CXB5103BT	1	1	1	1		1	1		1	1	1		1	1	1		1	1	1				1													@	@		
75W Base Station	C64CXB7106B	2	2	1	1		1	1		1	1	1		1	1			1	1	1				1													@	@		
75W Repeater Station	C64CXB7106BT	1	2	1	1		1	1		1	1	1		1	1	1		1	1	1				1													@	@		
100W Ltd. Conv. Repeater Station	C64RLB7106B	2	2	1	1		1	1		1	1			1	1			1	1	1		1		1													@	@		
100W Ltd. Base Station	C64RLB7106BT	1	2	1	1		1	1		1	1		1	1	1	1		1	1	1		1		1													@	@		
110W Data Base Station	C74CXB2106A	1	1	1	1	2	1			1	1	1		1	1	1	1	1		1	1			1															@	@
110W Trunked Station	C74CXB5103BT	1	1	1	1		1	1		1	1	1		1	1	1		1	1	1				1													@	@		
110W Base Station	C74CXB7106B	2	2	1	1		1	1		1	1	1		1	1			1	1	1				1													@	@		
110W Repeater Station	C74CXB7106BT	1	2	1	1		1	1		1	1	1		1	1	1		1	1	1				1													@	@		
225W Trunked Station	C84CXB5103BT	1	1	2			1	1		1	2	1		1	1	1		1	1	1				1							@	@	@	@			@	@		
225W Base Station	C84CXB7106B	2	2	2			1	1	1	1	2	1		1	1			1	1	1											@	@	@	@	@	@	@	@		
225W Repeater Station	C84CXB7106BT	1	2	2			1	1		1	2	1		1	1	1		1	1	1											@	@	@	@	@	@	@	@		

MSFX004
021894JNM

1st ITEM BREAKDOWN CHART FOR MSF 5000 DIGITAL CAPABLE STATIONS

UHF: 403-475 MHz

LEGEND:

= Items Supplied

* = Refer to 2nd Item Breakdown Chart

403-435 MHz = Range 1

435-475 MHz = Range 2

DESCRIPTION	MODEL	ITEM	DESCRIPTION
		TFE6481A	Image Injection Filter, 403-435 MHz
		TFE6482A	Image Injection Filter, 435-475 MHz
		TFN6056A	2175 Notch Filter Hybrid
		TFN6061A	2175 Bandpass Filter Hybrid
110W PA, 403-435 MHz	TLE2511A	TKN8306A	Power Amplifier Cable
110W PA, 435-475 MHz	TLE2512A	TKN8486A	Power Amplifier Cable
75W PA, 403-435 MHz	TLE2521A	TKN8549A	PA DC Power Cable
.75W PA, 435-475 MHz	TLE2522A	TKN8565A	20A Hi Power Junction Box Cable
110V 15A 60Hz Hi Power Junction Box	TLN2490A	TKN8599B	Control Tray Cables
110V 20A 60Hz Lo Power Junction Box	TLN3022B	TKN8612A	Intermeidate Power Amplifier Cable
MSF Encode/Decode Secure Module (Option)	TLN3045C	TKN8842A	Intermediate Power Amplifier Feedthru Cable
Trunked Tone Remote Control Audio Board	TLN3112E	TKN8953A	Power Amplifier Cable
Narrow Band Secure Capable Station Board (Option)	TLN3182A	TKN8980A	Network Cable
Secure Capable Station Control Board	TLN3189A	TLE2500A*	Intermediate Power Amplifier
Transparent Only Secure Module (Option)	TLN3267A	TLE5321A	Injection Amplifier Board, 403-435 MHz
VHF/UHF Data Station Control Board	TLN3319A	TLE5322A	Injection Amplifier Board, 435-475 MHz
500W 60Hz Power Supply	TPN1186B	TLE5391A	Preselector, 403-435 MHz
Trunked Tone Remote Control Logic Board	TRN7754A	TLE5392A	Preselector, 435-475 MHz
40W PA, 403-435 MHz	TTE1521A	TLE5401A	Mixer Pre-Amplifier, 403-435 MHz
40W PA, 435-475 MHz	TTE1522A	TLE5402C	Front End Hybrid, 435-475 MHz
15W PA, 403-435 MHz	TTE1541A	TLE5411C	PA Final Hybrid Module, 403-435 MHz
15W PA, 435-475 MHz	TTE1542A	TLE5421B	Pre-Driver Hybrid Module, 403-435 MHz
Isolation Network, 403-435 MHz	TTE1591A	TLE5422C	Pre-Driver Hybrid Module, 435-475 MHz
Isolation Network, 435-475 MHz	TTE1592A	TLE5431A	Splitter Power Amplifier Hybrid, 403-435 MHz
110W Driver PA, 403-435 MHz	TTE1731A	TLE5432A	Splitter Power Amplifier Hybrid, 435-475 MHz
110W Driver PA, 435-475 MHz	TTE1732A	TLE5441A	Power Amplifier Combiner, 403-435 MHz
225W Final PA, 403-435 MHz	TTE1741A	TLE5582B	Directional Coupler
225W Final PA, 435-475 MHz	TTE1742A	TLE5642A	Splitter Power Amplifier
Single Circulator and Load, 403-435 MHz	TTE1811A	TLE5652A	PA Combiner
Single Circulator and Load, 435-475 MHz	TTE1812A	TLE5828A	Power Combiner Hybrid, 435-475 MHz
RF Tray, 403-435 MHz	TUE2001A	TLE5830C	Laser Trimmed PA Module Hybrid
RF Tray, 435-475 MHz	TUE2002A	TLE5831A	RH Final Splitter Hybrid, 435-475 MHz
UHF WB INT REF RF Tray W/SSI/Loopback, 403-435 MHz	TUE2131A	TLE5832A	LH Final Splitter Hybrid, 435-475 MHz
UHF WB INT REF RF Tray W/SSI/Loopback, 435-475 MHz	TUE2132A	TLE5833A	RF Final Combiner Hybrid, 435-475 MHz
		TLE5834A	LH Final Combiner Hybrid, 435-475 MHz
		TLE5836B	Directional Coupler Hybrid, 403-475 MHz
		TLE5870A	RH Final Splitter Hybrid, 403-435 MHz
		TLE5880A	LH Final Splitter Hybrid, 403-435 MHz
		TLE5890A	RH Final Combiner Hybrid, 403-435 MHz
		TLE5900A	LH Final Combiner Hybrid, 403-435 MHz
		TRE1321B*	Receiver VCO, 403-435 MHz
		TRE1322B*	Receiver VCO, 435-475 MHz
		TRN5142A	RF Tray Hardware
		TRN5159B	Line Interface Board
		TRN5204A	PA Distribution Board
		TRN5205A	Feedthru Plate
		TRN5207A	Balancing Resistor
		TRN5930A	Balancing Resistor (In) Hybrid
		TRN5931A	Balancing Resistor (Out) Hybrid
		TRN7008A	Display Board
		TRN7013A	225W PA Hardware
		TRN7027A	PA Driver Hardware
		TRN7044A	PA Distribution Board
		TRN7103A	PA 40W Hardware
		TRN7104A	PA 15W Hardware
		TRN7105A	Isolation Network Hardware
		TRN7110B	60Hz Junction Box Hardware
		TRN7117A	Miscellaneous Hardware
		TRN7169B	Interconnect Board
		TRN7213B	500W 60Hz Power Supply Hardware
		TRN7231A	Uniboard
		TRN7242A	14V Distribution Board
		TRN7273D	Trunked Tone Remote Control Board
		TRN7358A	Secure Capable Station Control Board
		TRN7365A	110W Single PA Hardware
		TRN7366A	75W PA Hardware
		TRN7497A	110V 60 Hz Label
		TRN7564A	110V 60Hz Lo Power Junction Box Hardware
		TRN7573A	UHF WB INT REF Uniboard W/SSI/Loopback
		TRN7585A	RF Tray Hardware for Data Station
		TRN7580A	Universal Power Supply Hardware
		TRN7606A	VHF/UHF Socketed Display Board
		TRN7671A	Line Cord Hardware
		TRN7785A	VHF/UHF Data Station Control Board
		TRN7857A	Labels
		TRN9066A	Distribution Board
		TRN9752A	PS Packing Hardware
		TRN9959A	2-way Isolation Load
		TRN9960A	PA Distribution Board
		TRN9961A	Interconnect Pockets Board
		TTE1471B*	Transmit VCO, 403-435 MHz
		TTE1472B*	Transmit VCO, 435-475 MHz
		TTE6211A	Small Circulator, 403-435 MHz
		TTE6212A	Small Circulator, 435-475 MHz
		TTE6281A	Small Circulator w/ Hardware, 403-435 MHz
		TTE6282A	Small Circulator w/ Hardware, 435-475 MHz
		TTF1362B*	RF Circulator w/ Load
		TVN6055A	Station Control Board Firmware
		TVN6056A	Trunked Tone Remote Control Board Firmware
		TVN6057A	Secure Module Firmware
		TVN6118A	Station Access Module Firmware

MSFX005
021894JNM

2nd ITEM BREAKDOWN CHART FOR MSF 5000 DIGITAL CAPABLE STATIONS UHF: 403-475 MHz

LEGEND:

= Items Supplied

403-435 MHz = Range 1

435-475 MHz = Range 2

DESCRIPTION	MODEL	ITEM: TLE5371B	TLE5372B	TLE5381B	TLE5382B	TLE5920A	TLE5930A	TRN9458B	TRN9867B	TRN9930A
		DESCRIPTION: Transmit VCO Hardware	Transmit VCO Hardware	Receiver VCO Hardware	Receiver VCO Hardware	UHF Omni	UHF Interconnect Board	RF Load Hardware	RF Circulator Hybrid	Intermediate Power Amplifier Hardware
Intermediate Power Amplifier	TLE2500A					1	1			1
Receiver VCO, 403-435 MHz	TRE1321B			1						
Receiver VCO, 435-490 MHz	TRE1322B				1					
Transmit VCO, 403-435 MHz	TTE1471B	1								
Transmit VCO, 435-475 MHz	TTE1472B		1							
Transmitter RF Circulator w/ Load	TTF1362B							1	1	

MSFX006
021894JNM

END OF DOCUMENT