

GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH®** Router.



GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® MG90** Router



FRONT



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Connections:	5G & 4G LTE 617 - 7200 MHz				GNSS	WiFi 2.4 - 2.5 & 4.9 - 6 GHz Dual-band						
	1	2	3	4		5	6	7	8	9	10	11
Option #1												
LTMWG942-A3CB3CW3JG2C (4x 5G/LTE, 2x WiFi 6E, 1x GNSS)	√	√	√	√	√	√	√					
NXD-W-7JX4 (4x WiFi)								√	√	√	√	
Option #2												
MXG942-CJC (4x 5G/LTE, 2x WiFi 6E, 1x GNSS)	√	√	√	√	√	√	√					
NXD-W-7JX4 (4x WiFi)								√	√	√	√	
Option #3 (Dual 5G)												
LTMG508-3C3C3J3J2C (2x LTE, 2x WiFi 6E, 1x GNSS)	√	√			√	√	√					
NXD-W-7JX4 (4x WiFi)								√	√	√	√	
Option #4 (Dual 4G)												
LTMG502-3C3C3J3J2C (2x LTE, 2x WiFi 6E, 1x GNSS)	√	√			√	√	√					
NXD-W-7JX4 (4x WiFi)								√	√	√	√	

ANTENNA CONNECTION NOTES:

The Cellular elements are attached with LL-195 cable & SMA plugs. The WiFi elements are attached with LL-195 cable (LMR-100 cable for NXD) & Rev Pol SMA plugs. The GNSS antenna element is attached with RG-174 & SMA plug. Cable lengths are typically 15 feet (4.6m) but can be specified. LTM, SMD, and NXD radomes available in either Black or White.

GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® MP70** Router



FRONT



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	4G LTE & 5G Ready 617 - 6000 MHz		GNSS	WiFi 2.4 - 2.5 & 4.9 - 6 GHz Dual-band		
Connections:	1	2	3	4	5	6
Option #1 (With WiFi)						
LTMG608-3C3C3J3J2C (2x LTE, 3x WiFi, 1x GNSS)	√	√	√	√	√	√
Option #2 (With WiFi)						
LLPG608-3C3C3J3J2C (2x LTE, 3x WiFi, 1x GNSS)	√	√	√	√	√	√
Option #3 (With WiFi)						
MXFG608-3C3C3J3J2C (2x LTE, 3x WiFi, 1x GNSS)	√	√	√	√	√	√
Option #4 (Without WiFi)						
LTMG308-3C3C2C (2x LTE, 1x GNSS)	√	√	√			
Option #5 (Without WiFi)						
LLPG308-3C3C2C (2x LTE, 1x GNSS)	√	√	√			
Option #6 (Without WiFi)						
MXFG308-3C3C2C (2x LTE, 1x GNSS)	√	√	√			

ANTENNA CONNECTION NOTES:

The Cellular elements are attached with LL-195 cable and SMA plugs. The WiFi elements are attached with LL-195 cable and Rev Pol SMA plugs. The GNSS antenna element is attached with RG-174 and SMA plug. Cable lengths are typically 15 feet (4.6m) but can be specified. LTM, LLP, and MXF radomes available in either Black or White.

GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® RV55** Router



FRONT



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	4G LTE & 5G Ready 617 - 6000 MHz		GNSS	WiFi Dual-band 2.4-2.5 & 4.9-6 GHz	
	Connections:	1		2	3
Option #1					
LTMG508-3C3C3J3J2C (2x LTE, 2x WiFi, 1x GNSS)	√	√	√	√	√
Option #2					
LLPG508-3C3C3J3J2C (2x LTE, 2x WiFi, 1x GNSS)	√	√	√	√	√
Option #3					
MXFG508-3C3C3J3J2C (2x LTE, 2x WiFi, 1x GNSS)	√	√	√	√	√
Option #4 (No WiFi)					
LTMG302-3C3C2C (2x LTE, 1x GNSS)	√	√	√		
Option #5 (No WiFi)					
LLPG302-3C3C2C (2x LTE, 1x GNSS)	√	√	√		
Option #6 (No WiFi)					
MXFG302-3C3C2C (2x LTE, 1x GNSS)	√	√	√		
Option #7 (No WiFi)					
LTBG302-3C3C2C (2x LTE, 1x GNSS)	√	√	√		

ANTENNA CONNECTION NOTES:
 The Cellular elements are attached with LL-195 cable and SMA plugs. The WiFi elements are attached with LL-195 cable and Rev Pol SMA plugs. The GNSS antenna element is attached with RG-174 and SMA plug.
 Cable lengths are typically 15 feet (4.6m) but can be specified.
 LTM, LLP, and MXF radomes available in either Black or White.

GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® RV50X** Router



LTM Series



LLP Series



MaxFin Series



LTB Series

FRONT



BACK



	Cellular LTE: 694 - 3700 MHz		GNSS
	Connections: 1	2	3
Option #1			
LTMG302-3C3C2C (2x LTE, 1x GNSS)	√	√	√
Option #2			
LLPG302-3C3C2C (2x LTE, 1x GNSS)	√	√	√
Option #3			
MXFG302-3C3C2C (2x LTE, 1x GNSS)	√	√	√
Option #4			
LTBG302-3C3C2C (2x LTE, 1x GNSS)	√	√	√

ANTENNA CONNECTION NOTES:

The Cellular elements are attached with LL-195 cable and SMA plugs. The WiFi elements are attached with LL-195 cable and Rev Pol SMA plugs. The GNSS antenna element is attached with RG-174 and SMA plug. Cable lengths are typically 15 feet (4.6m) but can be specified.

LTM, LLP, and MXF radomes available in either Black or White. LTB radomes available in Grey.

GATEWAY & ANTENNA

Match-Up Guide

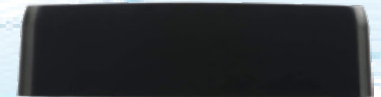
This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® LX60** Router



FRONT



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	Cellular LTE: 694 - 3700 MHz		GNSS	WiFi 2.4 - 2.5 & 4.9 - 6 GHz	
	Connections:	1	2	3	4
Option #1 (With WiFi)					
LTMG402-3C3C3J2C (2x LTE, 1x WiFi, 1x GNSS)		√	√	√	√
Option #2 (With WiFi)					
LLPG402-3C3C3J2C (2x LTE, 1x WiFi, 1x GNSS)		√	√	√	√
Option #3 (With WiFi)					
MXFG402-3C3C3J2C (2x LTE, 1x WiFi, 1x GNSS)		√	√	√	√
Option #4 (Without WiFi)					
LTMG302-3C3C2C (2x LTE, 1x GNSS)		√	√	√	
Option #5 (Without WiFi)					
LLPG302-3C3C2C (2x LTE, 1x GNSS)		√	√	√	
Option #6 (Without WiFi)					
MXFG302-3C3C2C (2xLTE, 1x GNSS)		√	√	√	

ANTENNA CONNECTION NOTES:

The Cellular elements are attached with LL-195 cable and SMA plugs. The WiFi elements are attached with LL-195 cable and Rev Pol SMA plugs. The GNSS antenna element is attached with RG-174 and SMA plug.

Cable lengths are typically 15 feet (4.6m) but can be specified.

LTM, LLP, and MXF radomes available in either Black or White.

GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® LX40** Router



BACK



FRONT



LTM Series



LLP Series



LTB Series



CVW Series

	Cellular LTE: 694 - 3700 MHz		WiFi 2.4/5 GHz
Connections:	1	2	3
Option #1			
LTM302-3C3C00 (2x LTE)	√	√	
Option #2			
LLP302-3C3C00 (2x LTE)	√	√	
Option #3			
LTB302-3C3C00 (2x LTE)	√	√	
Option #4			
CVW402-2C2C2J00 (2x LTE)	√	√	
Option #5 (With Optional Wi-Fi)			
LTM502-3C3C3J3J00 (2x LTE, 2x WiFi)	√	√	√
Option #6 (With Optional Wi-Fi)			
LLP502-3C3C3C3C00 (2x LTE, 2x WiFi)	√	√	√

ANTENNA CONNECTION NOTES:
 The Cellular elements are attached with LL-195 cable and SMA plugs. Cable lengths are typically 15 feet (4.6m) but can be specified.
 LTM & LLP radomes available in either Black or White. LTB radomes are available in Grey. CVW radomes are available in Black.

GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® XR80** Router



BACK



FRONT

	Cellular 5G/LTE: 617 - 5000 MHz								WiFi AP				WiFi WAN	GNSS	LPWA
Connections:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Option #1 (NO Cartridge)															
LTMWG942-A3HAB3HAW3HVG2HC (4x 5G/LTE, 2x WiFi 6E, 1x GNSS)	√	√	√	√					√	√				√	
NXD-W-7HVX2 or SMD-W-3HV3HV (2x WiFi)											√	√			
Option #2 (Cartridge)															
LTMWG940-A3HAB3HA00G2HC (4x 5G/LTE & 1x GNSS)	√	√	√	√										√	
LTMW940-A3HAB3HA0000 (4x 5G/LTE)					√	√	√	√							
NXD-W-7HVX4 (4x WiFi)									√	√	√	√			
Option #3 (Cartridge)															
LTMWG942-A3HAB3HAW3HVG2HC (4x 5G/LTE, 2x WiFi 6E, 1x GNSS)	√	√	√	√					√	√				√	
LTMW940-A3HAB3HA00V00 (4x 5G/LTE)					√	√	√	√							
NXD-W-7HVX2 or SMD-W-3HV3HV (2x WiFi)											√	√			
Option #4 (Cartridge)															
MXG945-HAHVHC (4x 5G/LTE, 5x WiFi 6E, 1x GNSS)	√	√	√	√					√	√	√	√	√	√	
MX940-HA (4x 5G/LTE) - Use with Dual Carrier					√	√	√	√							

ANTENNA CONNECTION NOTES:

The Cellular elements are attached with LL-195 cable and FAKRA JACK Bordeaux Violet (Code "D"). The GNSS antenna element is attached with RG-174 and FAKRA JACK Blue (Code "C"). The WiFi elements are attached with LL-195 cable and FAKRA JACK Beige (Code "I"). The Bluetooth elements are attached with LL-195 cable and FAKRA JACK Water Blue (Code "Z"). Cable lengths are typically 15 feet (4.6m) for multi-band antennas but can be specified. LTM, NXD, and MX radomes available in either Black or White. All Models above provides cellular coverage from 617 - 6000 MHz. Antenna Options for WiFi WAN and LPWA Available.

GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® XR90** Router



BACK



FRONT

Connections:	Cellular 5G/LTE: 617 - 5000 MHz				Cellular 5G/LTE: 617 - 5000 MHz				Dual WiFi								GNSS	Blue-tooth	LPWA
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Option #1 (Single Cartridge)																			
LTMWG944-A3HAB3HAW3HVG2HC (4x 5G/LTE, 4x WiFi 6E, 1x GNSS)	√	√	√	√					√	√	√	√					√		
NXD-W-7JX4 (4x WiFi)													√	√	√	√			
Option #2 (Dual Cartridge)																			
LTMWG944-A3HAB3HAW3HVG2HC (4x 5G/LTE, 4x WiFi 6E, 1x GNSS)	√	√	√	√					√	√	√	√					√		
LTMW944-A3HAB3HAW3HVG00 (4x 5G/LTE & 4x WiFi 6E)					√	√	√	√					√	√	√	√			
Option #3 (Dual Cartridge)																			
MXG945-HAHVHC (4x 5G/LTE, 5x WiFi 6E, 1x GNSS)	√	√	√	√					√	√	√	√					√	√	
MXG944-HAHVHC (4x 5G/LTE, 4x WiFi 6E)					√	√	√	√					√	√	√	√			
Option #4 (Dual Cartridge)																			
LTMWG944-A3HAB3HAW3HVG2HC (4x 5G/LTE, 4x WiFi 6E, 1x GNSS)	√	√	√	√					√	√	√	√					√		
LTMW940-A3HAB3HA0000 (4x 5G/LTE)					√	√	√	√											
NXD-W-7JX4 (4x WiFi)													√	√	√	√			

ANTENNA CONNECTION NOTES:

The Cellular elements are attached with LL-195 cable and FAKRA JACK Bordeaux Violet (Code "D"). The GNSS antenna element is attached with RG-174 and FAKRA JACK Blue (Code "C"). The WiFi elements are attached with LL-195 cable and FAKRA JACK Beige (Code "I"). The Bluetooth elements are attached with LL-195 cable and FAKRA JACK Water Blue (Code "Z"). Cable lengths are typically 15 feet (4.6m) for multi-band antennas but can be specified. LTM, LLP, & MX radomes available in either Black or White. LTM, NXD, and MX Models above provides cellular coverage from 617 - 6000 MHz. Antenna Options for LPWA Available.

GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® XR60** Router



LTMWG900 Series



MX900 Series



CVW Series

FRONT



BACK



Connections:	5G/LTE 617 - 7200 MHz				GNSS	WiFi Dual-band 2.4 & 5 GHz	
	1	2	3	4	5	6	7
Option #1							
LTMWG942-A3CB3CW3JG2C (4x 5G/LTE, 2x WiFi 6E, 1x GNSS)	√	√	√	√	√	√	√
Option #2							
MXG942-CJC (2x 5G/LTE, 2x WiFi 6E, 1x GNSS)	√	√	√	√	√	√	√
Option #3							
CVW508-7C7C7J7J2C (2x 5G/LTE, 2x WiFi 6E, 1x GNSS)	√	√			√	√	√
CVW208-7C7C (2x 5G/LTE)			√	√			

ANTENNA CONNECTION NOTES:

The Cellular elements are attached with LL-195 cable and SMA plugs. The WiFi elements are attached with LL-195 cable and Rev Pol SMA plugs. The GNSS antenna element is attached with RG-174 and SMA plug. Cable lengths are typically 15 feet (4.6m) but can be specified.

LTM & MX radomes available in either Black or White. CVW radomes available in either Black Only.

GATEWAY & ANTENNA

Match-Up Guide

This Guide shows Mobile Mark Antennas that are COMPATIBLE with your **SEMTECH® AirLink® RX55** Router



FRONT



BACK



	4G LTE		GNSS	WiFi 2.4/5 GHz	
	1	2	3	4	5
Connections:	1	2	3	4	5
Option #1					
CVW502-2C2C2J2J2C (2x LTE, 2x WiFi, 1x GNSS)	√	√	√	√	√
Option #2					
LLP502-3C3C3J3J2C (2x LTE, 2x WiFi, 1x GNSS)	√	√	√	√	√
Option #3					
LTM502-3C3C3J3J2C (2x LTE, 2x WiFi, 1x GNSS)	√	√	√	√	√

ANTENNA CONNECTION NOTES:

The Cellular elements are attached with LL-195 cable and SMA plugs. The WiFi elements are attached with LL-195 cable and Rev Pol SMA plugs. The GNSS antenna element is attached with RG-174 and SMA plug. Cable lengths are typically 15 feet (4.6m) but can be specified.

LLP & LTM radomes available in either Black or White. CVW radomes are available in Black Only. For 5G Sub-6 coverage, use LLPG508 or LTMG508.