

Antenna Configurations for Sierra Wireless 5G Vehicle Routers



Sierra Wireless Router	Modem Type	Router Variant	Connections	Model	Configuration	Cellular	LPWAN	Wi-Fi	Bluetooth	GNSS	Airgain Part #	
XR90	5G	Single Modem	4 x 5G Cellular 8 x Wi-Fi GNSS LPWAN	13-in-1 RECON13	C4W8G	4 - FAKRA D (Claret Violet)		8 - FAKRA I (Beige)		1 - FAKRA C (Signal Blue)	AP-RT5G-C4W8G-Q-B1 + CH-C4W8G-D-I-C-14	
				MULTIMAX 5G	LPWAN		1 - FAKRA D (Claret Violet)				AP-MF5G-C-Q-B1 + CH-C-D-14	
XR90	5G	Dual Modem	8 x 5G Cellular 8 x Wi-Fi GNSS	9-in-1 RECON13	C4W4G	4 - FAKRA D (Claret Violet)		4 - FAKRA I (Beige)		1 - FAKRA C (Signal Blue)	AP-RT5G-C4W4G-Q-B1 + CH-C4W4G-D-I-C-14	
				8-in-1 RECON13	C4W4	4 - FAKRA D (Claret Violet)		4 - FAKRA I (Beige)			AP-RT5G-C4W4-Q-B1 + CH-C4W4-D-I-14	
XR80	5G or CAT 20	Single Modem	4 x 5G Cellular GNSS	5-in-1 RECON13	C4G	4 - FAKRA D (Claret Violet)				1 - FAKRA C (Signal Blue)	AP-RT5G-C4G-Q-B1 + CH-C4G-D-C-14	
XR80	5G or CAT 20	Single Modem with Wi-Fi	4 x 5G Cellular 5 x Wi-Fi GNSS LPWAN	10-in-1 RECON13	C4W5G	4 - FAKRA D (Claret Violet)		5 - FAKRA I (Beige)		1 - FAKRA C (Signal Blue)	AP-RT5G-C4W5G-Q-B1 + CH-C4W5G-D-I-C-14	
				MULTIMAX 5G	LPWAN		1 - FAKRA D (Claret Violet)				AP-MF5G-C-Q-B1 + CH-C-D-14	
XR80	5G	Dual Modem	8 x 5G Cellular GNSS	5-in-1 RECON13	C4G	4 - FAKRA D (Claret Violet)				1 - FAKRA C (Signal Blue)	AP-RT5G-C4G-Q-B1 + CH-C4G-D-C-14	
				4-in-1 RECON13	C4	4 - FAKRA D (Claret Violet)					AP-RT5G-C4-Q-B1 + CH-C4-D-14	
XR80	5G	Dual Modem with Wi-Fi	8 x 5G Cellular 5 x Wi-Fi GNSS	9-in-1 RECON13	C4W4G	4 - FAKRA D (Claret Violet)		4 - FAKRA I (Beige)		1 - FAKRA C (Signal Blue)	AP-RT5G-C4W4G-Q-B1 + CH-C4W4G-D-I-C-14	
				5-in-1 RECON13	C4W	4 - FAKRA D (Claret Violet)		1 - FAKRA I (Beige)			AP-RT5G-C4W-Q-B1 + CH-C4W-D-I-14	
XR60	5G	Single Modem	4 x 5G Cellular GNSS	5-in-1 RECON13	C4G	4 x SMA				1 x SMA	AP-RT5G-C4G-Q-B1 + CH-C4G-1-1-14	
XR60	5G	Single Modem with Wi-Fi	4 x 5G Cellular 2 x Wi-Fi GNSS	7-in-1 RECON13	C4W2G	4 x SMA		2 x RP-SMA		1 x SMA	AP-RT5G-C4W2G-Q-B1 + CH-C4W2G-1-2-1-14	
MG90	5G	Single 4x4 5G Modem or Dual 2x2 5G Modem	4 x 5G Cellular 6 x Wi-Fi GNSS Bluetooth	12-in-1 RECON13	C4W6G + Bluetooth	4 x SMA		6 x RP-SMA	1 x RP-SMA	1 x SMA	AP-RT5G-C4W7G-Q-B1 + CH-C4W7G-1-2-1-14	

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MG90	4G	Single Cat 12 Modem	2 x 4G Cellular 6 x Wi-Fi GNSS	9-in-1 RECON13	C2W6G	2 x SMA		6 x RP-SMA		1 x SMA	AP-RT5G-C2W6G-Q-B1 + CH-C2W6G-1-2-1-14	
MG90	4G	Dual Cat 12 Modem	4 x 4G Cellular 6 x Wi-Fi GNSS	11-in-1 RECON13	C4W6G	4 x SMA		6 x RP-SMA		1 x SMA	AP-RT5G-C4W6G-Q-B1 + CH-C4W6G-1-2-1-14	
MP70	4G	Single 4G with 2x2 Wi-Fi	2 x 4G Cellular 2 x Wi-Fi GNSS	5-in-1 MULTIMAX 5G	C2W2G	2 x SMA		2 x RP-SMA		1 x SMA	AP-MF5G-C2W2G-Q-B1 + CH-C2W2G-1-2-1-14	
MP70	4G	Single 4G with 3x3 Wi-Fi	2 x 4G Cellular 3 x Wi-Fi GNSS	6-in-1 MULTIMAX 5G	C2W3G	2 x SMA		3 x RP-SMA		1 x SMA	AP-MF5G-C2W3G-Q-B1 + CH-C2W3G-1-2-1-14	
RV55	4G	Single 4G with 2x2 Wi-Fi	2 x 4G Cellular 2 x Wi-Fi GNSS	5-in-1 MULTIMAX 5G	C2W2G	2 x SMA		2 x RP-SMA		1 x SMA	AP-MF5G-C2W2G-Q-B1 + CH-C2W2G-1-2-1-14	
RV55	4G	Single 4G with 3x3 Wi-Fi	2 x 4G Cellular 3 x Wi-Fi GNSS	6-in-1 MULTIMAX 5G	C2W3G	2 x SMA		3 x RP-SMA		1 x SMA	AP-MF5G-C2W3G-Q-B1 + CH-C2W3G-1-2-1-14	
RV50X	4G	Modem + GNSS	2 x 4G Cellular GNSS	3-in-1 MULTIMAX 5G	C2G	2 x SMA				1 x SMA	AP-MF5G-C2G-Q-B1 + CH-C2G-1-1-14	

Note: Cable lengths are customizable

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LX60	4G	LTE-M/NB-IoT Modem Only	4G Cellular	RECON5	C	1 x SMA					AP-RF5G-C-Q-1-B3 or AP-RF5G-C-Q-1-B10	
LX60	4G	CAT 4 Modem Only	2 x 4G Cellular	2-in-1 RECON5	C2	2 x SMA					AP-RF5G-C2-Q-1-B3 or AP-RF5G-C2-Q-1-B10	
LX60	4G	CAT 4 Modem + GNSS	2 x 4G Cellular GNSS	3-in-1 RECON5	C2G	2 x SMA				1 x SMA	AP-RF5G-C2G-Q-11-B3 or AP-RF5G-C2G-Q-11-B10	
LX60	4G	CAT 4 Modem + GNSS + Wi-Fi	2 x 4G Cellular Wi-Fi GNSS	4-in-1 RECON5	C2WG	2 x SMA		1 x RP-SMA		1 x SMA	AP-RF5G-C2WG-Q-121-B3 or AP-RF5G-C2WG-Q-121-B10	
LX40	4G	LTE-M/NB-IoT Modem Only	4G Cellular	RECON5	C	1 x SMA					AP-RF5G-C-Q-1-B3 or AP-RF5G-C-Q-1-B10	
LX40	4G	CAT 4 Modem Only	2 x 4G Cellular	2-in-1 RECON5	C2	2 x SMA					AP-RF5G-C2-Q-1-B3 or AP-RF5G-C2-Q-1-B10	
LX40	4G	CAT 4 Modem + Wi-Fi	2 x 4G Cellular Wi-Fi	3-in-1 RECON5	C2W	2 x SMA		1 x RP-SMA			AP-RF5G-C2W-Q-12-B3 or AP-RF5G-C2W-Q-12-B10	