





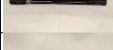
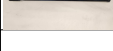














Antenna Selection Guide

Image	Part Number	Model	Antenna Family	Type	Radiation Pattern / Polarization	Frequency	Gain	Connector	Ports	Pigtail	Bracket	Application	Applies to:	Dimension	Weight	Lead Time	Warranty DOS	Spec Sheet Link
	75-100139-001	KMA-4800-6-NM Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	4.8-5.0 GHz	6 dBi	Type N (male)	Single Port		Includes BAM1013 clamp mount	Rugged mobile and infrastructure installations	FE1, ME5, ES1 (also: ME4)	17.86cm (7.03") height	85.0 g (3 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_4800_6-092617.pdf
	75-100139-024	KMA-2400-5-NM Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	2.4-2.5 GHz	5 dBi	Type N (male)	Single Port		Includes BAM1013 clamp mount	Rugged mobile and infrastructure installations	FE1, ME5, ES1, AG1, DX2 (also: LX5, ME4, KM3)	24.97cm (9.83") height	141.7 g (5 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_2400_5-092617.pdf
	75-100139-052	KMA-5250-7-NM Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	5.15-5.35 GHz	7 dBi	Type N (male)	Single Port		Includes BAM1013 clamp mount	Rugged mobile and infrastructure installations	FE1, ME5, ES1, AG1 (also: LX5, ME4, KM3)	30.6cm (12.03") height	4.4 oz. (125 g)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_5250_7-2.pdf
	75-100139-055	KMA-5550-6-NM Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	5.35-5.75 GHz	6 dBi	Type N (male)	Single Port		Includes BAM1013 clamp mount	Rugged mobile and infrastructure installations	FE1, ME5, ES1, DX2, AG1 (pending (also: LX5, ME4, KM3)	20.1cm (7.93") height	99 g (3.5 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_5550_6-092617.pdf
	75-100139-058	KMA-5800-6-NM Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	5.7-5.9 GHz	6 dBi	Type N (male)	Single Port		Includes BAM1013 clamp mount	Rugged mobile and infrastructure installations	FE1, ME5, ES1, AG1 (also: LX5, ME4, KM3)	17.86cm (7.03") height	85.0 g (3 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_5800-6-09062016.pdf
	75-100140-501	KMA-915-5-NF Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	902-928MHz	5 dBi	Type N (female)	Single Port		Includes heavy duty mount	For use with legacy products: LX5, ME4, KM3. Rugged mobile and infrastructure installations	LX5, ME4, KM3	59.06cm (23.25") height	567 g (20 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_915_5_NF-092617.pdf
	75-100159-001	KMA-3600-6-NM Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	3400-3800 MHz	6 dBi	Type N (male)	Single Port		Includes BAM1013 clamp mount	Rugged mobile and infrastructure installations	FE1 (Peregrine for Government)	22.73 cm (8.95") height	104 g (3.67 oz)	90 Days		
	75-100159-001	KMA-1480-5-NM Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	1435-1525 MHz	5 dBi	Type N (male)	Single Port		Includes BAM1013 clamp mount	Rugged mobile and infrastructure installations	FE1 (Peregrine for Government)	33.17 cm (13.06") height	129 g (4.55 oz)	90 Days		
	75-100140-024	KMA-2400-5-NF Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	2.4-2.5GHz	5 dBi	Type N (female)	Single Port		Mount not included	For use with JR3. Rugged mobile and infrastructure installations	JR3	25.48cm (10.03") height	141.7 g (5 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_2400_5-092617.pdf
	75-100140-052	KMA-5250-7-NF Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	5.15-5.35 GHz	7 dBi	Type N (female)	Single Port		Mount not included	For use with JR3. Rugged mobile and infrastructure installations	JR3	31.1cm (12.23") height	116 g (4.1 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_5250_7-2.pdf
	75-100140-055	KMA-5550-6-NF Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	5.35-5.75 GHz	6 dBi	Type N (female)	Single Port		Mount not included	For use with JR3. Rugged mobile and infrastructure installations	JR3	20.7cm (8.13") height	91 g (3.2 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_5550_6-092617.pdf
	75-100140-058	KMA-5800-6-NF Antenna	Kinetic Mesh Antenna (KMA)	Antenna	Omnidirectional	5.7-5.9GHz	6 dBi	Type N (female)	Single Port		Mount not included	For use with JR3. Rugged mobile and infrastructure installations	JR3	18.36cm (7.23") height	85.0 g (3 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet-KMA_5800-6-09062016.pdf
	75-100157-001	RCP-2450-9-11-NM Antenna	Rajant Circular Polarized (RCP)	Antenna	Bi-Directional - L/R circular polarized	2.4/5GHz	9/11dBi	Type N (male)	Quad Port	40cm pigtail	Includes mounting bracket but breadcrumb adapter sold separately (75-100157-004)	Includes mounting bracket but breadcrumb adapter sold separately (75-100157-004)	FE1, ME5, ES1	L 60.3cm (23.7") x W 41.5cm (16.3") x H 26.6cm (10.5")	5.6kg (12.35 lbs)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2022/02/Rajant-RCP-2450-Spec-Sheet-021722.pdf
	75-100157-002	RCP-50LHP-11-NM Antenna	Rajant Circular Polarized (RCP)	Antenna	Bi-Directional - Left hand circular polarized	5.0-6.0 GHz	11 dBi	Type N (male)	Single Port	40cm pigtail	Mount not included	Underground mine, tunnel and rail installations	FE1, ME5, ES1	L 69cm (27.2") x W 29cm (11.4") x H 113cm (44.5")	20.74kg (45.72lbs) per box of 14	12 Wks.	90 Days	
	75-100157-003	RCP-50RHP-11-NM Antenna	Rajant Circular Polarized (RCP)	Antenna	Bi-Directional - Right hand circular polarized	5.0-6.0 GHz	11 dBi	Type N (male)	Single Port	40cm pigtail	Mount not included	Underground mine, tunnel and rail installations	FE1, ME5, ES1	L 69cm (27.2") x W 29cm (11.4") x H 113cm (44.5")	20.74kg (45.72lbs) per box of 14	12 Wks.	90 Days	
	75-100157-005	RCP-5050-14-14-NM Antenna	Rajant Circular Polarized (RCP)	Antenna	Uni-Directional - L/R circular polarized	5.0-6.0 GHz	14dBi	Type N (male)	Dual Port	30cm pigtail	Mount not included	Vehicle installation. Underground mine, tunnel and rail installations	FE1, ME5, ES1	L 112cm (44.1") x W 43cm (16.9") x H 33cm (13.0")	24.28 Kg (53.53lbs) per box of 10	12 Wks.	90 Days	
	75-100161-003	RLP-2450-5-4-SM Antenna	Rajant Low Profile (RLP)	Antenna, low-profile	Omnidirectional	Dual-band 2.4-2.5/5-6GHz	4.9/4.3 dBi	Type SMA (male)	Dual Port	15cm pigtail	Metal Mount not included	Warehouse automation, robotics, oil&gas, and utilities	AG1, ME5 (pending, ES1 (pending	9.93cm (3.91") OD X 3.6cm (1.42") height	376 g (13.3 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/08/Rajant_Spec_Sheet_RLP_6_D81523DRAFT.pdf
	75-100156-002	RMP-2400-4-SM Antenna	Rajant Multi-Polarized (RMP)	Antenna	Omnidirectional - multi-polarized	2.4GHz	4 dBi	Type SMA (male)	Single Port	8cm pigtail	Mount not included	Drone and robot installations	DX2, AG1	2.5cm (1") OD X 12.7cm (5") height	31.2 g (1.1 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/08/Rajant-MPAntenna-Spec-Sheet-102621.pdf
	75-100156-001	RMP-5000-4-SM Antenna	Rajant Multi-Polarized (RMP)	Antenna	Omnidirectional - multi-polarized	5GHz	4 dBi	Type SMA (male)	Single Port	8cm pigtail	Mount not included	Drone and robot installations	DX2, AG1	2.5cm (1") OD X 12.7cm (5") height	31.2 g (1.1 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/08/Rajant-MPAntenna-Spec-Sheet-102621.pdf
	75-100162-001	RFI-2450-5-7-NM Antenna	Rajant Fixed Infrastructure (RFI)	Antenna, fixed infrastructure	Omnidirectional	dual-band 2.4-2.5 / 4.9-5.9 GHz	5/7 dBi	Type N (male)	Single Port		Mount not included	For oil & gas, and utilities. For fixed installations only.	FE1, ME5, ES1, AG1	2.86cm (1.125") OD X 25.95cm (10.218") height	161 g (5.7 oz.)	12 Wks.	90 Days	https://rajant.com/wp-content/uploads/2023/04/Rajant_Spec_Sheet_RFI-2450-5-7-NM_082523DRAFT.pdf