

Vulcan RFID™ UHF RFID Antennas

Vulcan RFID™ offers an extensive collection of cost-effective UHF RFID antennas designed to maximize the RF performance and coverage area of an RFID system. For more information, please [contact us!](#)

SKU
Product Code

Operating Frequency
Published Operating Frequency

Polarization
Published Polarization

Gain
Published Gain

Elevation Beamwidth
Vertical Beamwidth

Azimuth Beamwidth
Horizontal Beamwidth

Connector Type
Published Connector Type

Cable
Included Cable

Mounting Bracket
Compatible Mounting Bracket








Dimensions
Published Dimensions

Weight
Published Weight

Operating Temperature
Safe Operating Temperature

IP Rating
Ingress Protection Rating

Applications
Published Applications

							
	Vulcan RFID™ S9025PL Outdoor RFID Antenna	Vulcan RFID™ A5020 UHF RFID Antenna	Vulcan RFID™ A5010 UHF RFID Antenna	Vulcan RFID™ S9028PCR Indoor RFID Antenna	Vulcan RFID™ PA(R/L) 90209H RFID Antenna	Vulcan RFID™ 262006 Outdoor RFID Antenna	Vulcan RFID™ LINE12 High Gain RFID Antenna
	VUL-S9025PLNF	VUL-60010	VUL-60001	VUL-S9028PCR96RTN	VUL-PAR90209H-FNE VUL-PAL90209H-FNE	VUL-262006-TRH-A-K	VUL-LINE12-FCC
	FCC (902 -928 MHz)	FCC (902 -928 MHz)	FCC (902 -928 MHz)	FCC (902 -928 MHz)	FCC (902 -928 MHz)	FCC (902 -928 MHz)	FCC (902 -928 MHz)
	Left Hand Circular	Right Hand Circular	Right Hand Circular	Right Hand Circular	PAR: Right Hand Circular PAL: Left Hand Circular	Right Hand Circular	Linear Polarization
	5.5 dBic	5.5 dBic	8.5 dBic	8.5 dBic	9.0 dBic	9.0 dBic (min), 9.0 dBil (max)	12 dBi
	100°	115°	68°	70°	70°	63°	40°
	100°	115°	68°	70°	70°	63°	90°
	N-Type Female	SMA Female	SMA Female	RP-TNC Male	N-Type Female	RP-TNC Female	N-Type Female
	Not Included	Not Included	Not Included	2.4 m (8 ft) integrated pigtail terminating in a RP- TNC Male connector	Not Included	Not Included	Not Included
	ALLPMTE-001 ALLPMTE-002	VUL-HDMNT-100MM	Flush Mount	VUL-HDMNT-100MM	VUL-HDMNT-100MM	VUL-HDMNT-100MM	VUL-X49-AB12-BR
	132 x 132 x 18 mm (5.2 x 5.2 x 0.71 in)	150 x 150 x 14 mm (5.9 x 5.9 x 0.55 in)	250 x 250 x 14 mm (9.85 x 9.85 x 0.55 in)	259 x 259 x 33 mm (10.2 x 10.2 x 1.32 in)	259 x 259 x 33.5 mm (10.2 x 10.2 x 1.32 in)	305 x 305 x 25 mm (12 x 12 x 0.98 in)	600 x 180 x 55 mm (23.622 x 7.086 x 2.165 in)
	0.36 kg (0.8 lbs)	0.25 kg (0.55 lbs)	0.73 kg (1.6 lbs)	1 kg (2.3 lbs)	1 kg (2.3 lbs)	1.2 kg (2.6 lbs)	1.61 kg (3.55 lbs)
	-30° to +70° C (-22° to +158° F)	-30° to +65°C (-40° to +149°F)	-20° to +55°C (-4° to +131°F)	-25° to +70°C (-13° to +158°F)	-25° to +70°C (-13° to +158°F)	-55° to +71°C (-67° to +159.8°F)	-40° to +85°C (-40° to +185°F)
	IP 67	IP 68	IP 67	IP 54	IP 67	IP 67	IP 65
	Access Control, Warehouse, Distribution Centers, Airports, Hospitals, Transit Terminals	Kiosks, Point of Sale, Waste Management, Retail, Medical, Pharmaceutical	Race Timing, Medical, Pharmaceutical, Retail, Warehousing	Warehousing, Distribution Centers, Airports, Hospitals, Tran- sit Terminals, Conveyor Belts	Warehousing, Distribution Centers, Airports, Hospitals, Tran- sit Terminals, Conveyor Belts	Parking Gates, Overhead Race Timing, Distribution Center Yards	Warehouse, Fleet Management, Industrial Portals, Access Control, Asset Management