

RFID Antennas for Vehicle-Related Applications

3M™ RFID Antennas are designed with high performance technology to work with RFID readers and transponders for vehicle-related applications, including Automatic Vehicle Identification (AVI), Intelligent Transportation Systems (ITS), Traffic Management Systems (TMS), Electronic Vehicle Registration (EVR) and parking and access control.



Review 3M's full line of RFID Antennas to find the best option for your application.

Antenna	Band	Beamwidth	Gain	Polarization	Dimensions	Weight
ANTENNA-011	FCC	42°	12.5 dBi	LINEAR	17.72 x 17.72 x 1.42 in. (450 x 450 x 36 mm)	6.6 lbs (3.0 kgs)
ANTENNA-013	FCC	42°	13 dBi	LINEAR	17.72 x 17.72 x 1.42 in. (450 x 450 x 36 mm)	6.6 lbs (3.0 kgs)
ANTENNA-018-E	FCC	63°	9.5 dBic	RH CIRC	12.0 x 12.0 x 0.98 in. (305 x 305 x 25 mm)	2.65 lbs (1.2 kgs)
ANTENNA-021	FCC	36°	13.5 dBi	LINEAR	17.72 x 17.72 x 1.42 in. (450 x 450 x 36 mm)	6.6 lbs (3.0 kgs)
ANTENNA-023	FCC	22°	15 dBi	LINEAR	21.44 x 38.25 x 5.25 in (545 x 971 x 133 mm)	20 lbs (9.1 kgs)
ANTENNA-024	FCC	30°	15 dBi	LINEAR	21.43 x 33.44 x 5.25 in. (545 x 849 x 133 mm)	20 lbs (9.1 kgs)
ANTENNA-017	ETSI	62°	10 dBi	LINEAR	12.0 x 12.0 x 0.98 in. (305 x 305 x 25 mm)	2.65 lbs (1.2 kgs)
ANTENNA-019-E	ETSI	63°	9 dBic	RH CIRC	12.0 x 12.0 x 0.98 in. (305 x 305 x 25 mm)	2.65 lbs (1.2 kgs)
ANTENNA-027	ETSI	37°	13 dBic	LINEAR	17.7 x 17.7 x 1.4 in. (450 x 450 x 35 mm)	4.4 lbs (2 kgs)

For more information, visit www.3M.com/mvss or contact the 3M Customer Contact Center at 1-877-777-3571

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