



ANTENNA SOLUTIONS FOR INTELLIGENT TRANSPORTATION SYSTEMS



Smart Railways

Roll with the leader in precision antenna technology to provide ridership with reliable wireless connectivity. Link rail and local jurisdictions for faster response times. Use real-time data transmissions to intelligently manage Positive Train Control (PTC).

LMR / TETRA / P25
PCT-RSA



**CELLULAR / WiFi /
BLUETOOTH® / LMR**
MLPV



**GNSS /
CELLULAR /
WiFi**
Coach™ II



WiFi / BLUETOOTH®
PCT-RSABD



RELIABLE CONNECTIVITY ON THE LINE

Antenna Solutions for Commuter and Freight Trains



Featured Platform(s)	Description Title	Mounting Location	Frequency Ranges	Ports	Color
LMR / TETRA / P25					
PCT-RSA	Rugged Wideband Low Profile Rail Antennas	Roof Exterior	158 - 162 MHz 217 - 223 MHz		Black
WiFi / BLUETOOTH®					
PCT-RSABD	Extremely Rugged Bi-Directional Train Top Antenna	Roof Exterior	4.9 - 5.9 GHz		Silver
CELLULAR / WiFi / BLUETOOTH® / LMR					
MLPV	Low Profile Whipless Multiband Antennas	Roof Exterior*	380 - 410 MHz 406 - 430 MHz 430 - 450 MHz 698 - 3800 MHz 618 MHz - 6 GHz 2.4 GHz / 5 GHz		Black or White
GNSS / CELLULAR / WiFi					
Coach™ II	Multiband, Cellular, WiFi Antennas with High Rejection GPS/GLONASS	Roof Exterior*	600 MHz - 6 GHz 2.4 - 2.5 GHz 4.9 - 5.9 GHz 1565 - 1608 MHz	5-in-1 (4 LTE + 1 GNSS) 6-in-1 (2 LTE + 3 WiFi + 1 GNSS) 7-in-1 (4 LTE + 2 WiFi + 1 GNSS) 9-in-1 (4 LTE + 4 WiFi + 1 GNSS)	Black or White

* Contact us for additional mounting options.

Solving Complex Wireless Challenges

PCTEL, an Amphenol company, is a leading global provider of wireless technology solutions, including purpose-built Industrial IoT devices, antenna systems, and test and measurement products. Trusted by our customers for over 29 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.

For more information on Antenna Solutions for Intelligent Transportation Systems, contact your sales representative or visit

> <https://go.pctel.com/its>



PCTEL, Inc.

T: +1 630 372 6800 | pctel.com

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