What's New at PCTEL?

PCTEL
an **Amphenol** company

At PCTEL, an Amphenol Company, we're continuously expanding our portfolio to help customers stay connected in an increasingly demanding wireless world. This overview highlights our latest product launches, key technologies, and application areas.

Whether you're looking for higher performance, greater flexibility, or new connectivity solutions, we invite you to explore what's new at PCTEL.






Product Name	**Low Profile Tri-band Wi-Fi Access Point Antenna**	**Dual-polarized Dual-port Directional Panel Antenna**	**V-POL & H-POL Antenna Platform**	**Low-profile Wi-Fi 6E/7 Antenna Platform**
Part Numbers	PCTMI245871-RPC	PLTE6150M	• MHO497107NM-V • MHO497107NF-V • MHO497107NM-H • MHO497107NF-H	• 710872 • 710873 • 710874
Description	Omnidirectional antenna for indoor or outdoor applications	Dual-polarized dual-port directional panel antenna for coverage of 4G/5G frequency bands	High performance omnidirectional antenna having high sidelobe suppression	Low-profile Wi-Fi 6E/7 antenna platform in a slim and discreet housing
Technologies	• Wi-Fi • Wi-Fi 6E • Wi-Fi 7	• 4G/5G	• Wi-Fi • 4.9 GHz Public Safety	• Wi-Fi 6E/7
Features	• Outstanding performance in a very-low profile housing • White, UL V0 plastic housing • Built directly on an RPTNC connector for easy use on access points • Only 3.3 inches long including the connector	• Optimal coverage – MIMO broadband directional coverage • Rugged – Heavy-duty articulating mount; IP67-compliant waterproof vented design; Indoor and outdoor rated • Ease of installation and connection: Dual slant polarized or V/H polarization mounting options; N Female bulkhead connectors • Supports up to three rear-mounted brackets for GNSS or omnidirectional Wi-Fi antennas	• Supports wireless applications ranging from 4.94-7.125 GHz • Engineered for low sidelobe level and and maximum coverage at the horizon • Slender yet rugged housing (OD 1" = 25.4 [mm]) • IP-67 rated • White UV-resistant radome protects the antenna elements from environmental stressors	• Supporting wireless applications from 2.4-7.125 GHz • Discreet low-profile housing • Ground plane independent • Designed for easy installation • IP65
Applications	• Office LAN environments • Factory floors • Indoor or outdoor Wi-Fi networks	• Small cells • Indoor/outdoor DAS systems • Oil and Gas • Utilities	• Industrial Communication • Automated factories • Industrial IoT • Intelligent Transportation • Smart Cities • Smart Warehouses • Agriculture	• Industrial IoT • Intelligent Transportation • Smart Cities • Smart Home IoT • Access Points • In-building and enterprise • Office environments • Indoor or outdoor Wi-Fi networks
Datasheet	> View datasheet	> View datasheet	> View datasheet (V-POL) > View datasheet (H-POL)	> View datasheet

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