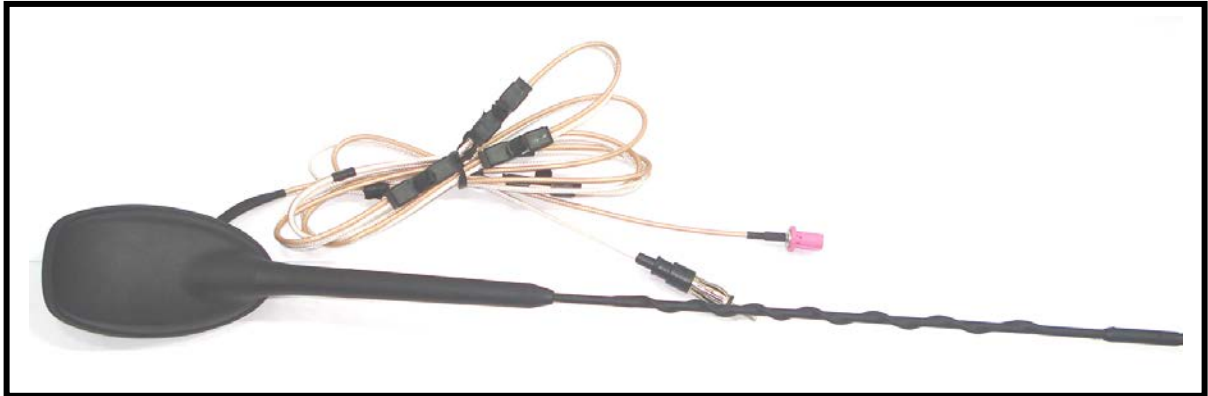




Picture of the Part



Application

The WPANTDP069-R1A antenna is an L1 band GPS and FM Dual Antenna for automobile applications. The standard cable length for this antenna is 1755 mm and the standard connector is FAKRA for GPS and DIN41585 for FM.

WP Wireless can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. WP Wireless specializes in developing customized Antenna solutions. Please contact sales@wp-wireless.com with your specific application requirements.

Electrical Properties

Parameter	Antenna Performance	
Operating Frequency	88 – 108 MHz	1575 – 1615 MHz
Recommended Impedance of the customer Radio Module[Ω]	75Ω	50Ω
VSWR – Typical	<2:1	<2:1
Peak Gain [dBi] (Typical)	10 dBi	30 dBi
Polarization	Linear	RHCP
Accepted Power [W] (Max)	2 Watts	2 Watts



Mechanical / Environmental Properties

Item	Value
Total Antenna Dimensions	383.5mm (Length) x 25.7mm (Width at the base)
Antenna Color	Black
Cable	GPS: 1755mm RG-316-U / FM: 1755mm RG-188-A/U
Connector	GPS: FAKRA / FM: DIN41585
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS compliant

Picture of the Antenna

