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Portable Antennas> Rubber Duck Type> Coaxial Connectors Mount Models

This type of antenna is the most common mounting style. These antennas simply attach to the outside of housing using one of many different type RF Connectors. The most common of these are the SMA, TNC, and BNC, all of which are available in standard and reverse polarity configurations. Reverse Polarity connectors are important for FCC approval through Reg. 15 parts compliancy, which states that an antenna connecting outside of housing must have a non-conforming connector type. FCC Compliant connectors include Reverse Polarity and Reverse Thread styles. Connector Mounts are available for all frequencies from UHF/VHF to 5.2 GHz. Please refer to the Antenna Selection guide to choose the best style for your application.

NEARSON
S325TR-915

Model	181	191	282	321	325	324	331	352
Photo								
Description	Dipole 1/2 Wave (Bandwidth 75MHz)	Dipole 1/2 Wave	Dipole 1/2 Wave	Rod Ground Dependent (800-900MHz) or Helix 1/4 Wave	Helix 1/4 Wave (Bandwidth 75MHz)	UHF 1/4 wave, Overmold (Bandwidth)	Helix 1/4 Wave (Bandwidth)	Dipole 1/2 Wave

	for PCS,DCS)			(Bandwidth 75MHz) (1800-1900 MHz)		20MHz)	75MHz)	
Gain	2 dBi (2.4 GHz, PCS,DCS) 5 dBi (5.X GHz)	2 dBi	2 dBi	0 dBi	1 dBi	0 dBi	1 dBi (ISM)	1.5 dBi
Antenna Body Height	4"	9"	3.4"	2"		3"	3.5"	2"
Connector	SMA TNC BNC	SMA TNC BNC Mini UHF	SMA	SMA	SMA TNC	SMA TNC BNC	SMA	SCX MMCX
Style	Straight Right Angle Swivel	Straight Right Angle Swivel	Swivel	Straight	Straight Right Angle	Straight	Straight	Right Angle
Frequency								
SMR 806-866 MHz				✓				
Cellular (AMPS) 824-896 MHz		✓		✓			✓	
Cellular (GSM) 890-960 MHz		✓		✓			✓	
ISM 902-928 MHz 867-869 MHz				✓	✓		✓	
WLAN/ISM 2.4-2.5 GHz	✓		✓	✓			✓	✓
WLAN/UNII 5.X GHz	✓						✓	
WLAN/Multi-Band 2.4/5.2/5.8 GHz			✓					
Cellular PCS 1850-1990 MHz	✓						✓	
Cellular DCS 1710-1880 MHz	✓						✓	
Dual Band AMPS/ PCS or GSM/ DCS				✓				
Tri-Band GSM/PCS/DCS				✓				
UHF	✓					✓		
VHF	✓							
Note								

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