

# RF COMMUNICATION

## ANTENNAS & ACCESSORIES



2 in 1  
elements

## RETRACTABLE & FLEXIBLE HAND-HELD ANTENNA

- The AL-800 and AL-800W are retractable antennas with 2 in 1 design. The long telescope and short flexible whips are exchangeable from each antenna body. The antennas operates on VHF and UHF bands.
- The AL-760 designed for VHF band only. The AL-750 has a 360 degree swivel whip with a retractable mast. The antenna operates on VHF-UHF bands.
- The RD-9H and RD-88H are hand-held antennas with flexible whips. The half and quarter wave design allow these antennas to operate on long and short range communications.
- The RD-6H and RD-7H are stubby antennas with rubber whips. The RD-6H operates on UHF band. The RD-7H operates on VHF band. Special frequency ranges are available by custom order.
- The model S-1 is constructed with a spiral whip of 17-7PH stainless steel wire.
- The S-2 is designed for small portable transceiver. SMA male connector is built in.
- The B-1 is built a traditional quarter wave whip. A standard BNC male connector is included on the output port.



SPECIFICATIONS	AL-760	AL-800 AL-800W	S-1 S-2	RD-9H RD-88H	B-1 AL-750	RD-6H RD-7H
Frequency Range	143-148 MHz	143-148/430-460 MHz			140-512 MHz	140-174 MHz 400-512 MHz
Gain	3.2 dBi	3.2/5.6 dBi	Unity			
Max. Power Load	25 W cw ( 60 W max. )					
VSWR	Less than 1.5:1					
Output Connector	Standard BNC male ( S-2 build in SMA male connector. )					
Whip Style	Retractable			Flexible		
Weight	65 g	80 g	35/28 g	23/48 g	35/25 g	7/11 g
Dimensions	97 cm	88 cm	39/38 cm	17/40 cm	39/35 cm	23/32 cm

## WIRELESS LAN & MOBILE PHONE ANTENNA

- The RD-10/12 are 0/3 dBi gain flexible stubby antenna. They operate on 0.8-5.8GHz. The RD-11 is a 3 dBi gain retractable antenna and has 360 degree swivel design. The output connector is available on SMA, SMB or others.

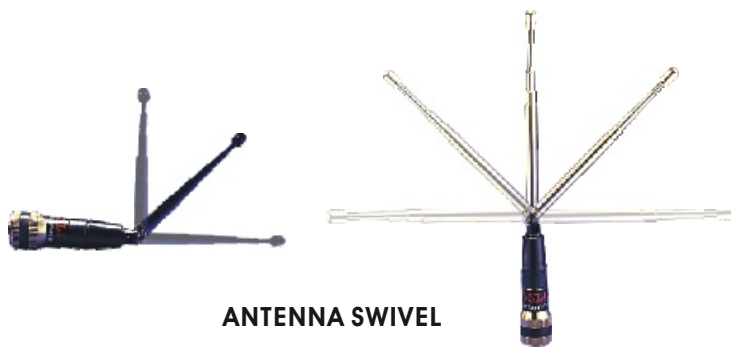
- The RD-19 is a compact and high performance stubby antenna that operates on **mobile phone** or computer **wireless LAN** systems. The optional connectors are built in by OEM requirement. The connectors are available with SMA, SMB or other specifications.



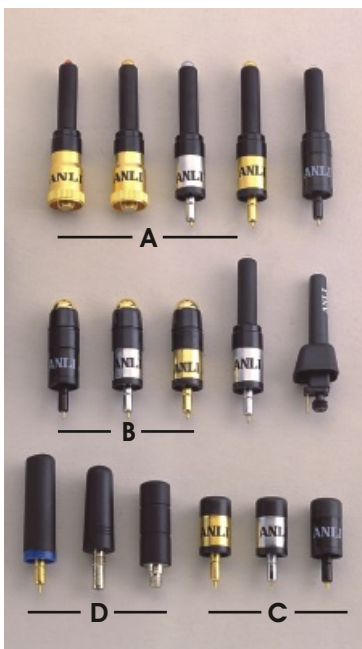
RD-10



RD-11



ANTENNA SWIVEL



RD-19

SPECIFICATIONS	RD-11	RD-10	RD-12	RD-19	RD-21
Frequency Range	800/900/1800/1900/2400/5800 MHz by custom order				
Gain	Unity/3/5 dBi				
Max. Power Load	25 W max.				
VSWR	Less than 1.5:1				
Output Connector	SMA , SMB or others by custom order				
Whip Style	Retractable	Flexible			
Weight	25 g	30 g	5 g	7 g	11 g
Dimensions	16 cm	15 cm	5 cm	2-5 cm	7-15 cm



RD-21

## Ni-Ti ALLOY RETRACTABLE ANTENNA

- The highly reliable RD-21 is constructed of a Ni-Ti alloy wire delivering optimum performance on mobile phone communications.

- The RD-21 is available for custom order only.



RD-12