

**DIAMOND**  
ANTENNA

# COMMUNICATION WORLD

ANTENNAS / ACCESSORIES

# CATALOG

# 7

MOBILE WHIP ANTENNAS  
MOBILE RECEIVING ANTENNAS  
FIXED STATION ANTENNAS  
MOBILE TELEPHONE TYPE ANTENNAS  
INDOOR PORTABLE ANTENNAS  
TRAP DIPOLE ANTENNAS  
GROUND PLANE ANTENNAS  
ANTENNAS FOR HANDHELD TRANSCEIVERS  
EXTERNAL SPEAKERS  
SWR/POWER METERS  
COAXIAL SWITCHES  
SURGE PROTECTORS  
DC POWER SUPPLIES  
DC/DC CONVERTERS  
DUMMY LOADS DUPLEXERS  
COAXIAL CABLES  
ANTENNA BRACKETS  
MAGNET ANTENNA BASES  
CRIP TYPE ANTENNA BASES  
AND OTHERS

# *Anteny do skanerów*

## Discone Antenna

### D130 / D130J / D130NJ

(25 to 1300MHz for receiving)  
 (50/144/430/904/1200MHz for transmitting)  
 Length:1.7m / Weight:1kg / Max. diameter:84cm  
 Mast diameter accepted:25mm to 50mm  
 Coaxial cable:RG58A/U approx,15m with M-connectors / N-connectors  
 Max power rating 20W(50MHz) 200W(more than 140MHz)  
 ※D130J / D130NJ without coaxial cable assembly.

### D1300AM

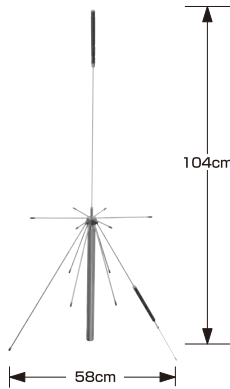
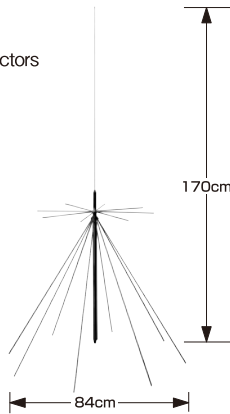
(25 to 1300MHz for receiving)  
 (50/144/430/904/1200MHz for transmitting)  
 Length:1.7m / Weight:1kg / Max. diameter:84cm  
 Mast diameter accepted:25mm to 50mm  
 Max Power Rating : 20W (50MHz) ,  
 100W (more than 144MHz)

### D3000N

(25 to 3000MHz for receiving)  
 (50/144/430/904/1200MHz for transmitting)  
 Length: 1.7m / Weight: 1kg / Max. diameter: 84cm  
 Mast diameter accepted: 25mm to 50mm  
 Max. power rating: 20W (50MHz), 200W (more than 144MHz)  
 Connector: NJ

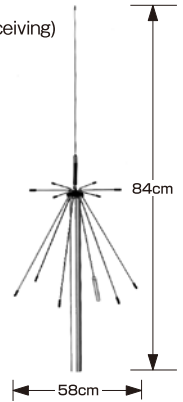
### D150

(50 to 1500MHz for receiving)  
 (50/144/430/904/1200MHz for transmitting)  
 Length:1.04m / Weight:0.62kg / Max. diameter:0.58m  
 Max. power rating:50W(FM)(30W FM at 50MHz band)  
 Impedance:50Ω / Connector:M-J /  
 Mast diameter accepted:25mm to 50mm  
 Type:Wide band discone antenna  
 Coaxial cable assembly  
 (RG58/U 10m with M-P connectors at ends) is included.



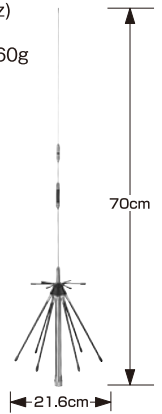
### D190

Mobile Discone Antenna (100 to 1500MHz for receiving)  
 (144/430/904/1200MHz for transmitting)  
 Length:0.84m / Weight:0.52kg  
 Max. diameter: approx.36cm  
 Mast diameter accepted:25mm to 50mm  
 Coaxial cable assembly  
 (RG58/U 10m with M-P connectors)  
 is included.  
 Max power rating:50W(30W at 144MHz)

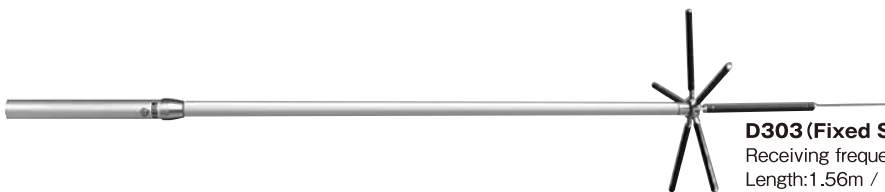


### D220R

Mobile Discone Antenna (100 to 1600MHz for receiving)  
 (144/430/904/1200MHz for transmitting)  
 Gain:2.15dBi(144/904/1200MHz),3.4dBi(430MHz)  
 Max. power rating:50W / Impedance:50Ω  
 VSWR:Less than 1.5:1 / Length:0.70m / Weight:360g  
 Max. diameter:21.6cm / Connector: M-P  
 Type:1/2λ(144MHz),2x5/8λ(430MHz)

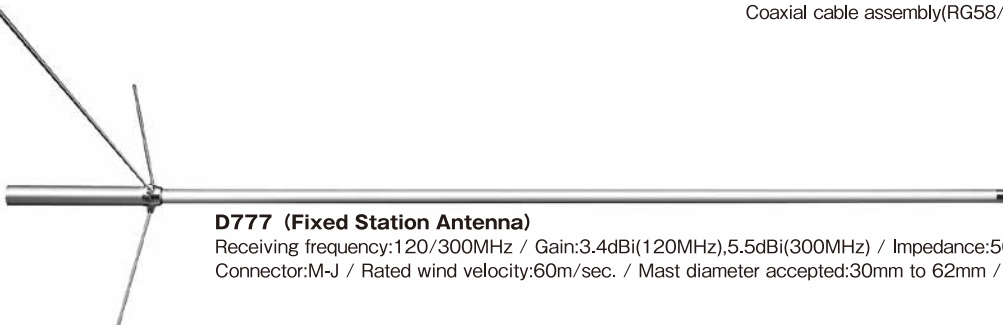


## Receiving Antenna



### D303 (Fixed Station Antenna)

Receiving frequency:0.5 to 200MHz wide band  
 Length:1.56m / Weight:0.85kg / Impedance:50Ω / Connector:M-J  
 Rated wind velocity:60m/sec. / Mast diameter accepted:30mm to 62mm  
 Coaxial cable assembly(RG58/U 10m with M-P connector at both ends) is included.



### D777 (Fixed Station Antenna)

Receiving frequency:120/300MHz / Gain:3.4dBi(120MHz),5.5dBi(300MHz) / Impedance:50Ω / Length:approx.1.7m / Weight:1.0kg  
 Connector:M-J / Rated wind velocity:60m/sec. / Mast diameter accepted:30mm to 62mm / Type:5/8 λ (120MHz),2x5/8 λ (300MHz)



### D103 (Mobile Whip Antenna)

Receiving frequency:120/300MHz air bands / Gain:2.15dBi(120MHz),5.5dBi(300MHz) / Impedance:50Ω  
 Length:approx.1.3m / Weight:225g / Connector:M-P / Type:1/2 λ (120MHz) 2x5/8 λ (300MHz)

### **Uwaga:**

To jest tylko część katalogu z produktami Diamond Antenna. Pełny katalog w formie pdf (rozmiar 15MB) załadujesz pod adresem lub kliknij:  
**[inradio.pl/diamond-katalog/DIAMOND-2019.pdf](http://inradio.pl/diamond-katalog/DIAMOND-2019.pdf)**

### **NOTE**

M connector

Though M receptacle being use throughout antennas are identical in its outlook with conventional UHF type receptacle, its characteristic performance is almost the same as one in N type receptacle, it is highly recommended to use DIAMOND's genuine antenna brackets and connection cables to maintain maximum antenna performance,(Due to difference in their thread pitch, same so called UHF type connectors can not fit in our receptacle.)

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