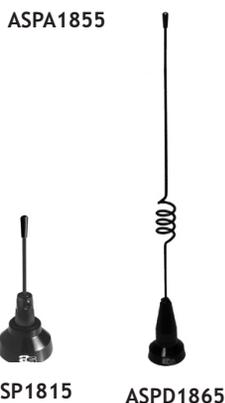


ASPDM1965
U.S. Patent No.
6,215,451 B1



ASP1815

ASPD1865



Technical Data

Nominal Impedance: 50 ohms
Radiator Material: Stainless steel DURA-CON™ plated or black DURA-COAT™ finish (select models)
Base: Aluminum, brass and plated steel
Mount Method: Compatible with A/S® male-female contact mounts (sold separately)

3 dB Vehicular Antenna, Male-Female Contact Interface

These antennas feature a male-female contact mount interface that provides positive connection for noise-free cellular or PCS phone operation.

Features

- Noise-free – male-female contact mount interface provides positive connection for noise-free cellular or PCS telephone operation, especially for digital applications
- Rugged one piece construction, including phasing coil
- Patented Whip Design – special phasing coil achieves 3 dB operation at both cellular and PCS frequency bands (dual band model)
- Convenient – whip can be easily removed from base when needed

Antenna Electrical Specifications

Model	Frequency Range	Bandwidth	Gain	VSWR at Resonance	Maximum Power
ASPA1855	806-869 MHz	63 MHz	3 dB	< 1.5:1	100 watts
ASPA1865	806-869 MHz	63 MHz	3 dB	< 1.5:1	100 watts
ASP1815	806-960 MHz	154 MHz	Unity	< 1.5:1	100 watts
ASPD1865	824-894 MHz	70 MHz	3 dB	< 1.9:1	100 watts
ASPDM1965	824-894/ 1850-1990 MHz	70 MHz/140 MHz	3 dB/ 3 dB	< 2.0:1	10 watts
ASPG1865	890-960 MHz	70 MHz	3 dB	< 1.5:1	100 watts

Mechanical Specifications

Model	Finish	Whip Length
ASPA1855	DURA-CON® plated	Approximately 14"
ASPA1865	DURA-COAT™ black	Approximately 14"
ASP1815	DURA-COAT™ black	Approximately 4" No cutting or tuning needed
ASPD1865	DURA-COAT™ black	Approximately 14.7"
ASPDM1965	DURA-COAT™ black	Approximately 14"
ASPG1865	DURA-COAT™ black	Approximately 14"