

**Performance:** 3 dBd gain is achieved with these premium antennas by featuring a 5/8-wave whip with a base loaded matching coil.

**Stylish and Durable:** The antennas are manufactured using the best corrosion-resistant materials and finishes available. The base is triple-plated chrome brass with a large insert molded low-loss coil form and a spring-loaded, gold-plated contact.

**Broadband:** The large diameter coil form used in the construction of the loading coil allows for a wider operational bandwidth and better matching characteristics.

**Weatherproof:** O-ring seals and overlap construction keep moisture out of the antenna.

**Standard Mounting:** All base loaded antennas mate with the standard Motorola NMO type mount.



583-75 Series

Electrical Specifications	
Frequency Range, MHz	406-512
Nominal Gain, dBd	3.0
Bandwidth at 1.5:1 VSWR, MHz	20
Power Rating, Watts	200
Nominal Impedance, Ohms	50
Mechanical Specifications	
Radiator: Brite A	S.S. whip. 0.10 dia
Black B	S.S. whip. 0.10 dia
Base	ABS, spring-loaded contact
Length, in	21 whip
Mounting	Standard Motorola NMO type

Ordering Information		
Frequency	Brite	Black
406-430 MHz	583-75A-1	583-75B-1
430-450 MHz	583-75A-2	583-75B-2
450-470 MHz	583-75A-3	583-75B-3
470-490 MHz	583-75A-4	583-75B-4
490-512 MHz	583-75A-5	583-75B-5

To order with shock spring, add suffix S to part number. Example: 580-75AS-3.