

583-75 Series

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: These 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: Rubber boot keeps moisture out of the antenna base. It avoids scratching/rusting of vehicle if antenna is frequently removed, for maintenance or car wash activities.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	583-75
Frequency Range, MHz	406-512
Gain	3.0
Impedance, Ohms	50
Power Rating, Watts	200
VSWR	2.0:1
Bandwidth, MHz	20 @ 2.0:1 VSWR
Mechanical Specifications	583-75
Radiator: Chrome A	Tapered S.S. whip., 0.10 dia.
Black B	Tapered S.S. whip., 0.10 dia.
Base	ABS, spring-loaded contact
Height, in	21 Whip
Mounting	Standard Motorola NMO



Ordering Information	583-75			
Frequency	Chrome with Rubber Boot	Chrome with Spring Mt. and Rubber Boot	Black with Rubber Boot	Black with Spring Mt. and Rubber Boot
406-430 MHz	583-75AR*1	583-75ASR*1	583-75BR*1	583-75BSR*1
430-470 MHz	583-75AR*2	583-75ASR*2	583-75BR*2	583-75BSR*2
470-512 MHz	583-75AR*3	583-75ASR*3	583-75BR*3	583-75BSR*3