

PCS Linearly Polarized Omnidirectional Antenna

Cushcraft's S1803B antenna is an omnidirectional PCS antenna which provides for reception and transmission of linear polarized signals in the 1850-1990 MHz frequency band. The antenna consists of a series fed, dual element array and provides 5 dBi peak gain with a nominal 360 by 38 degrees half power beamwidth. The S1803B has a VSWR of less than 1.5:1 on 50 ohms impedance.

The S1803B is housed in a rugged, UV stable polycarbonate radome which is weather resistant for outdoor applications. Standard models of the S1803B are white in color.

SPECIFICATIONS:

Frequency	1850-1990 MHz
Impedance	50 Ohms
VSWR	1.5:1 maximum
Polarization	Linear
Gain	5 dBi
Beamwidth	
E-Plane	38 degrees, nominal
H-Plane	360 degrees
RF connector	Type N, or customer specified
Dimensions:	1 in. diameter by 12.0 height.
Mounting	Various configurations available.

