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**Item # S1857AMP10SMF, DirectLink™ Series Antennas**[larger image](#)**Campus & in-building directional antennas**[Stock Locator](#)

DirectLink is a series of wall and mast mount directional antennas that has been designed to meet the most demanding needs of the contemporary wireless environment. DirectLink's attractive, UV resistant housings and mounts allow the antennas to be mounted anywhere in the campus or in-building environment. The antennas offer very precise and controllable pattern characteristics in frequencies starting with the 1710

MHz DCS band and continuing through the 5.725 GHz ISM band. All popular contemporary wireless system applications are covered with gain characteristics varying with frequency.

All antennas in the series may be wall or mast mounted and all are available with a variety of flush and articulating mounts. Flush mounts allow the antenna to hug the wall for minimal visual impact. There are two available articulating mounts that allow the pattern to be directed while still maintaining minimal visual impact.

Standard antennas come with either TNC, SMA or N female connectors and an integrated coaxial pigtail. Other connector and pigtail combinations are available upon request.

**Specifications**

<b>Band</b>	DCS ISM
<b>Frequency</b>	1850 to 1990 MHz
<b>Gain</b>	7.5 dBi
<b>3dB Beamwidth, E Plane</b>	50 °
<b>3dB Beamwidth, H Plane</b>	80 °
<b>VSWR</b>	1.5:1
<b>Front to Back Ratio</b>	12 dB
<b>Connector</b>	SMA (Female)
<b>Articulating Version</b>	Yes
<b>Power</b>	75 watts
<b>Power at 5 GHz</b>	25 watts

<b>Polarization</b>	Linear
<b>Standard Wall Mount Dimension</b>	5.70 x 3.81 x 1.50 in 14.48 x 9.68 x 3.80 cm
<b>Articulating Wall Mount Dimension</b>	5.80 x 3.81 x 2.26 in 14.73 x 9.68 x 5.74 cm
<b>Weight (Standard Wall Mount)</b>	5 oz 0.14 kg
<b>Weight (Articulating Wall Mount)</b>	8 oz 0.23 kg
<b>Mounting Style</b>	Standard units for wall mounting. Mast mount bracket kits available. Custom mount configurations for volume users.
<b>Cable</b>	Low loss pigtail provided

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