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Retlif Testing Laboratories Report No. R-3578P-6A

For

**Siemens Mobility, Inc.
Wayside Radio**

FCC ID: 2A8HRS25442-B58-A2

Antenna Data Sheet



40 YEARS OF TESTING EXCELLENCE

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Data Sheet



SENCITY® Spot-S WiFi Antenna
1324.17.0098

Description

Small directional, planar, linear vertical polarized WiFi antenna with 8.5 dBi gain
WLAN IEEE 802.11 b/g - WiFi band 2.4 - 2.485 GHz
Rugged design, meets EN 50155 and EN 50125-3 railway standards
Fire retardant acc. to EN 45545-2 and NFPA130
For outdoor and indoor applications
Ingress protection IP 66 and IP 67

Wall mounting material included



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	2400 - 2500
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	8.5
3dB beamwidth (h) (°)	75
3dB beamwidth (v) (°)	75
Composite power max (W)	30
Ambient temperature (°C)	25
Front to back ratio (dB)	12
Vertical electrical tilt (°)	0

Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes