

In-Building Wireless Kit

Cellular Specialties, Inc. (CSI) now provides the industry's most reliable 4G LTE in-building coverage system. The CSI In-Building Kit covers up to 25,000 square feet and includes nationwide professional installation.

Solution highlights include

- Verizon Wireless approved repeater, Model SR385
- Consistent, strong signal solution optimizes data throughput for 4G
- Financing options available
- Customizable solution options for challenging environments
- Optional extended warranty and maintenance contracts
- FCC Type Accepted

Kit includes

- Repeater, Model SR385-U7C (1)*
- Quad-band panel antenna , outdoor(1)*
- Quad-band omni-directional antenna, indoor (2)*
- 50' superflex (1)
- Connectors for superflex (2)
- 125' plenum cable (1)
- Connectors for plenum cable (6)
- 1' jumper (1)
- 3' jumper (1)
- 2-way power divider (1)
- Lightning arrestor (1)
- Grounding kit (1)
- Non-penetrating roof mount (1)
- Roof pad (2)

Model number

- CSI-SR385-K-VZW-25K

*Detailed specifications provided on pages 2-4.

Model SR385/700 MHz Compact LTE Repeater

Product Features & Benefits

Significantly improves LTE coverage

- Addresses LTE signal enhancement needs
- Sharp SAW filtering reduces interference from competing signals

Reliable coverage extension

- Power failure options in the event of outage
- Local alarm contact closure points

Oscillation Detection and Automatic Gain Control (AGC)

- Minimize site intervention with built-in oscillation control and self healing
- Shutdown in the event of non-correctable severe conditions

Specifications

Frequency Range Downlink	746-757 MHz
Frequency Range Uplink	776-787 MHz
Passband Gain	85 dB
Gain Attenuation Range	0-30 dB
Gain Attenuation Steps	1 dB
AGC Range	25 dB
Passband Ripple	+/-1.5 dB
Composite Output Power (Linear)	+22 dBm
VSWR	2.0:1(Max)
Typical Output IP3	+26 dBm
Noise @ max gain	<6.5 dB
Propagation Delay	<3.0 microseconds
Impedance	50 Ohms
Operating Temperature Range	+14° to +122° F
Approximate Weight / Dimensions	12 lbs / 10 x 8 x 3.5 in.
Weatherproofing	IP65, NEMA Type 4
Connectors	N-Female
Power Requirements	90-132 VAC @ 0.9A

Specifications subject to change without notice.



Frequency Range

- 700 MHz Upper C
746-757 MHz Downlink
776-787 MHz Uplink

Features & Benefits

- High gain, moderate power
- Ideal for applications up to 50k square feet
- SAW filtering
- Easy installation, precision setup and maintenance
- User-friendly GUI

Multi-band Outdoor Panel Antenna

Electrical Specifications

Horizontal Beamwidth	See Radiation Patterns Below
Vertical Beamwidth	See Radiation Patterns Below
Gain	7 dBi
Polarization	Vertical, Linear
Impedance	50 Ohm
VSWR	≤2.1:1 (698-960, 2500-2700 MHz) ≤1.5:1 (806-960, 1710-2500 MHz)
Front to Back Ratio	>20 dB
Maximum Input Power	50 Watts
Lightning Protection	Direct Ground



Frequency Range

- 698-960 MHz
- 1710-2700 MHz

Mechanical Specifications

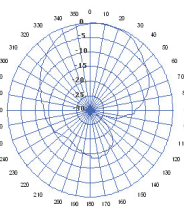
Case Material	ABS with UV Protection
Operating Temperature Range	-40° C to +70° C
Dimensions	8.19 x 7.00 x 1.72 in.
Weight	1 lb.
Connectors	N-Female
Universal bracket included for additional mounting options (U-bolt compatible)	
Specifications subject to change without notice.	

Features & Benefits

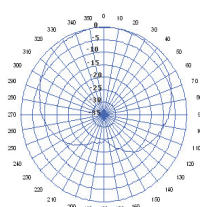
- Multi-band design
- Weather resistant radome
- Flexible mounting options

Radiation Patterns

700 MHz

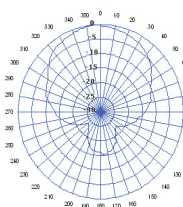


Vertical, 69° Beamwidth

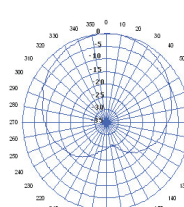


Horizontal, 103° Beamwidth

850 MHz

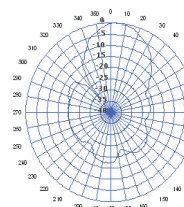


Vertical, 71° Beamwidth

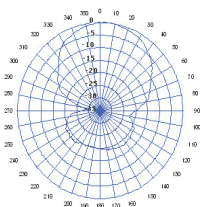


Horizontal, 82° Beamwidth

1900 MHz

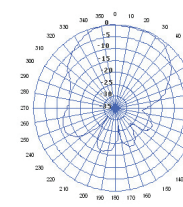


Vertical, 30° Beamwidth

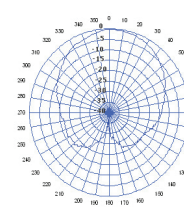


Horizontal, 58° Beamwidth

2100 MHz



Vertical, 72° Beamwidth



Horizontal, 56° Beamwidth

Product Info

Multiband Omni-directional Antenna

Electrical Specifications

Horizontal Beamwidth	Omni-directional
Vertical Beamwidth	See Radiation Patterns Below
Gain	3 dBi
Polarization	Vertical, Linear
Impedance	50 Ohm
VSWR	<1.5:1
Max Input Power	50 Watts
Lighting Protection	Direct Ground

Mechanical Specifications

Case Material	ABS with UV Protection
Operating Temperature Range	-40° C to +170° C
Dimensions	6.49 D x 3.15 H in.
Weight	1.1 lb
Connector	N-Female
Pigtail	Plenum Rated
Standard Mounting Style	Ceiling
Universal bracket included for additional mounting options	

Radiation Patterns



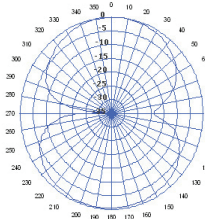
Frequency Range

- 698-960 MHz
- 1710-2700 MHz

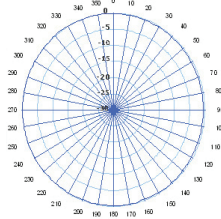
Features & Benefits

- Multi-band design
- Weather resistant radome
- Flexible mounting options

700 MHz

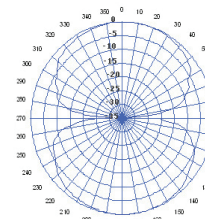


Vertical, 84° Beamwidth

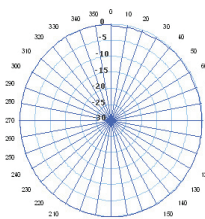


Horizontal

850 MHz

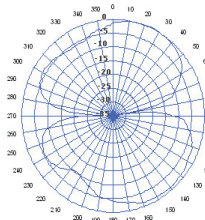


Vertical, 104° Beamwidth

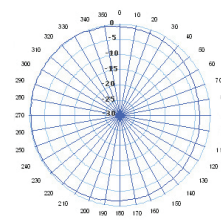


Horizontal

1900 MHz

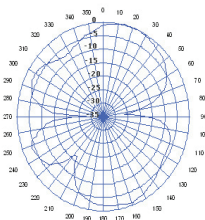


Vertical, 61° Beamwidth

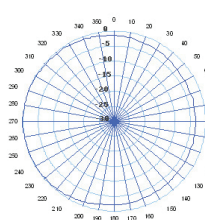


Horizontal

2100 MHz



Vertical, 55° Beamwidth



Horizontal