



450 MHz Band or Channel Selective Repeater

MirrorCell® II 412 - SL - CDMA

Frequency - Models	Uplink	Downlink
	450 to 459.99 MHz	460 to 469.99 MHz
Bandwidth per Bandpass	1.25 to 5 MHz	1.25 to 5 MHz
	1.25 MHz Steps	1.25 MHz Steps
Composite Output Power Limit	+23 dBm	+40 dBm
Noise Figure at Max. Gain	<6 dB	<6.5 dB
Gain at Max. Setting	92 dB ±2	92 dB ±2
Spurious:		
Adj. Channel		<-60 dBc
Out of Band		<-70 dBc



MirrorCell® II Outdoor Repeater

	Uplink	Downlink
Bandpasses/Channels:	1	1
Gain Range:	30 dB	30 dB
Gain Step Size:	1 dB	1 dB
Signal Delay:	6 µsec, Typ.	6 µsec, Typ.
Connectors:	N/Type Female	N/Type Female

Mechanical Specifications

Housing (WxHxD):	26" x 30" x 26" 66cm x 76.2cm x 66cm
Weight:	125 Pounds, Completely Loaded (56.8 kg)
Housing Material:	Aluminum
Weather Resistance:	NEMA 4
Power Supply:	115/220 VAC, 60/50 Hz
Storage Temperature:	-40°C to +70°C
Operating Temperature:	-30°C to +60 °C
Cooling:	External Convection/Forced Air

Applicable Locations:

- Highways
- Tunnels
- Larger Indoor Applications
- Problem Terrain Situations (Mountains, Valleys, Buildings etc.)