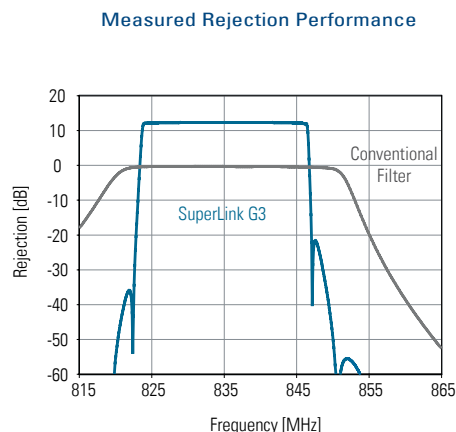


# SuperLink® G3 A-Band

## Passband 824 – 846.5 MHz

Characteristics	Typical Performance 0 to 50° C
Noise Figure	0.5 dB
Gain	12 dB
VSWR	1.5:1
OIP3	+30 dBm

## Performance

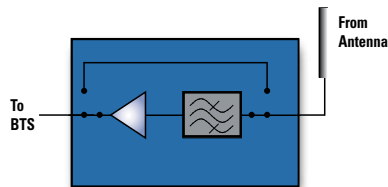


## Rejection

Characteristics	Typical Performance 0 to 50° C	
	Filter	+ Gain
DC – 819.5 MHz	70 dB	58 dB
819.5 – 822.5 MHz	40 dB	28 dB
847.5 – 851 MHz	30 dB	18 dB
851 – 869 MHz	65 dB	53 dB
869 – 894 MHz	80 dB	68 dB

## Architecture

### Single Channel RF Path



### Maximize Your Investment.

Enhance the performance of your existing infrastructure. SuperLink® products have field-proven reliability with a measured MTBF of more than 500,000 hours.



### Features & Benefits:

- > Reduction in dropped and blocked calls
- > Increase in capacity utilization
- > Enhanced coverage integrity with fewer cell sites deployed
- > Higher data throughput and data speeds
- > Improved overall quality of service
- > Increased handset battery life



### Plug & Play Simplicity.

With six RF paths, only one SuperLink G3 unit is required per sectored site.

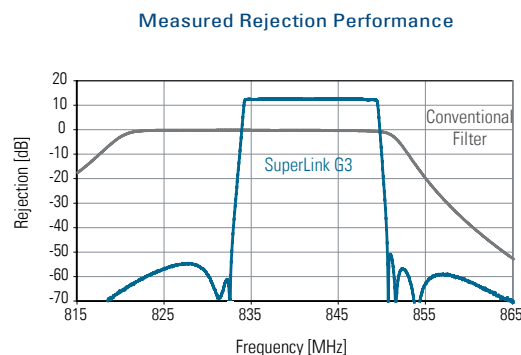
## Mechanical/Environmental

Characteristics	Sectored
Typical Power	80 Watts
Weight	34 lbs
Size	11"W x 19"D x 7"H

## Passband 835 – 849 MHz

Characteristics	Typical Performance 0 to 50° C
Noise Figure	0.5 dB
Gain	12 dB
VSWR	1.5:1
OIP3	+30 dBm

## Performance



## Features & Benefits:

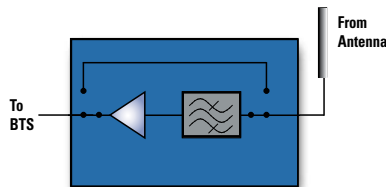
- > Reduction in dropped and blocked calls
- > Increase in capacity utilization
- > Enhanced coverage integrity with fewer cell sites deployed
- > Higher data throughput and data speeds
- > Improved overall quality of service
- > Increased handset battery life

## Rejection

Characteristics	Typical Performance 0 to 50° C	
	Filter	+ Gain
DC – 832.8 MHz	67 dB	55 dB
851 – 869 MHz	63 dB	51 dB
869 – 894 MHz	83 dB	71 dB

## Architecture

### Single Channel RF Path



### Maximize Your Investment.

Enhance the performance of your existing infrastructure. SuperLink® products have field-proven reliability with a measured MTBF of more than 500,000 hours.



### Plug & Play Simplicity.

With six RF paths, only one SuperLink G3 unit is required per sectored site.

## Mechanical/Environmental

Characteristics	Sectored
Typical Power	80 Watts
Weight	34 lbs
Size	11"W x 19"D x 7"H