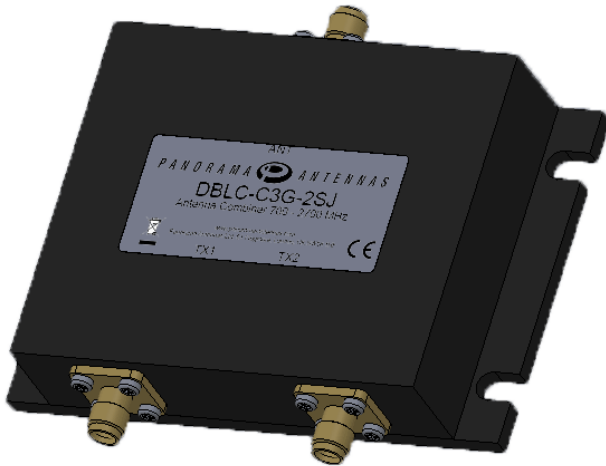


Cellular Splitter/Combiner

DBLC-C3G-2SJ



- Wideband operation 617-2700MHz
- Combine two devices into one antenna or connect one device to two antennas
- SMA socket (f) connectors

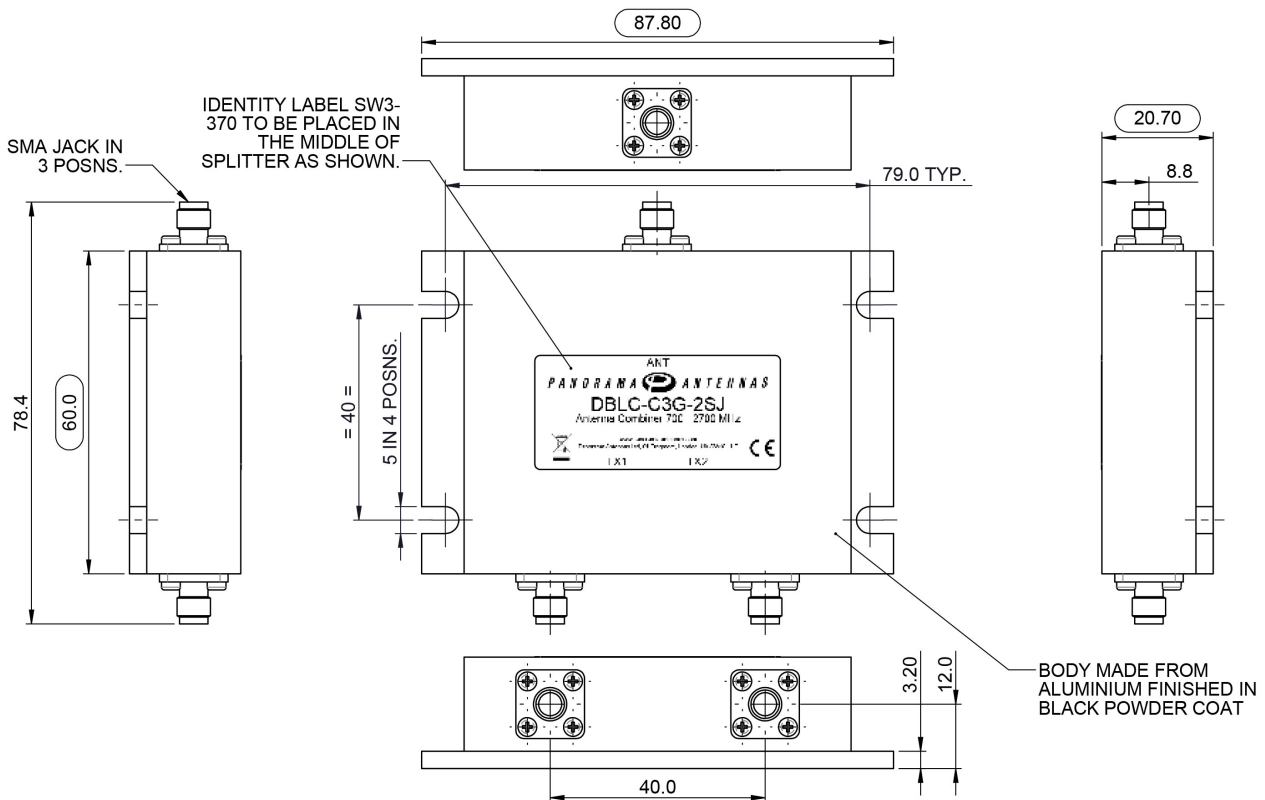
The DBLC-C3G-26-2SJ has adequate port-to-port isolation to enable two wireless devices to be connected to a single antenna. Where a MiMo system is used, a DBLC may be used to combine Main and Aux/Div feeds from each device to the elements of a MiMo antenna. This may be useful where there is insufficient real-estate to mount two separate antennas with the required isolation.

The DBLC may also be used to connect a single wireless device to two antennas.

The DBLC is simple to install and is fitted with SMA socket (f) connectors.

Technical Drawing

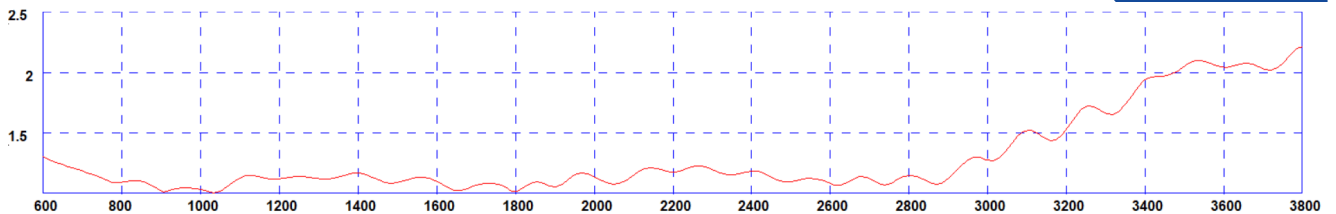
DBLC-C3G-2SJ Shown



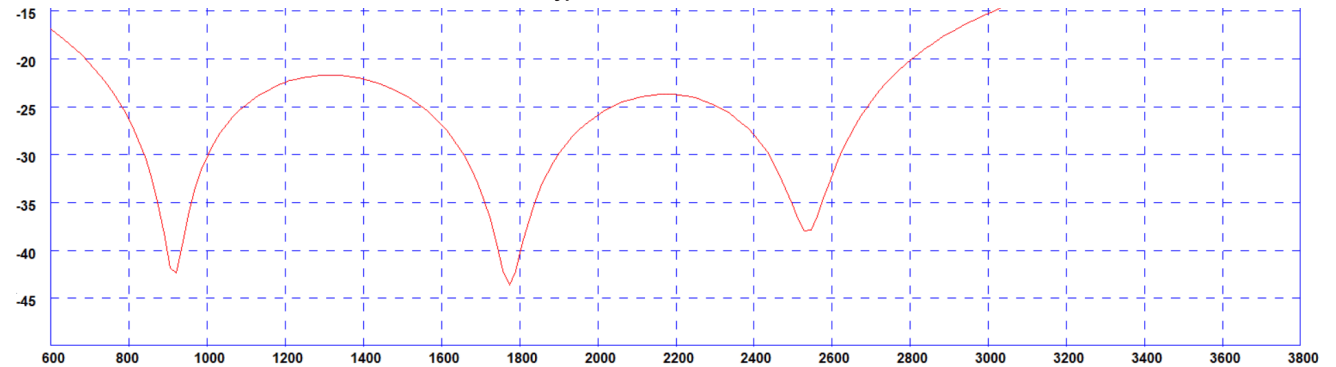
DBLC-C3G-2SJ

Electrical Data		
Frequency Range (MHz)	617-2700	
Insertion Loss	<3.5dB	
Isolation (dB)	617-698 MHz	> 17dB
	698-2700 MHz	> 20dB
Typical VSWR	<1.5:1	
Max Input Power (W)	10	
Mechanical Data		
Dimensions (mm) (including connectors)	Length	87.8 (3.45")
	Width	78.4 (3.1")
	Height	20.7 (0.8")
Operating Temp (°C)	-40° / +70°C (-40° / 158°F)	
Material	Aluminium	
Colour	Black	
Termination	SMA socket (f) on all ports	

Typical VSWR*



Typical Port to Port Isolation



Typical Insertion Loss

