

# 3. Additional items

## Diplexer Unit

VHF Migration

Public Safety

ROHS Compliant

### DPX-210-270-BJ

Allows dual band antenna to be used with 2 radios  
4m OR 2m & TETRA Bands

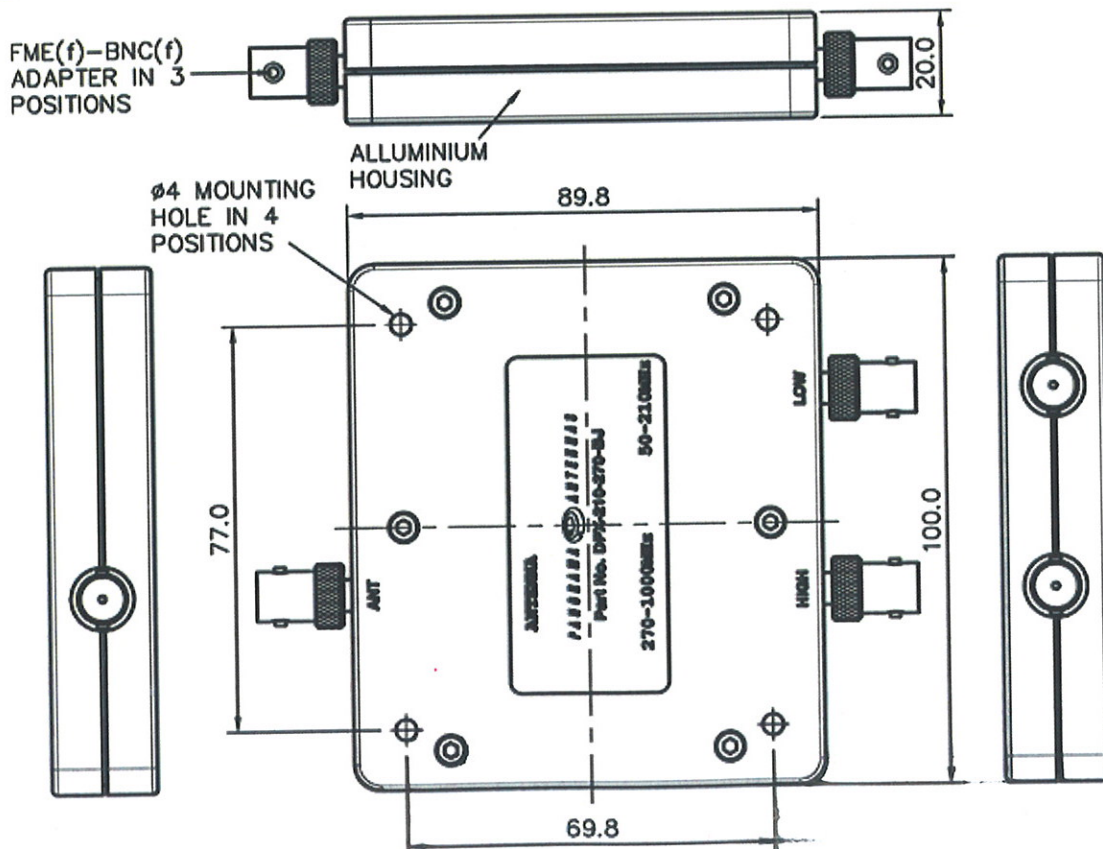


The Panorama Diplexer is housed in a compact, robust die cast case for reliability and easy mounting.

This Diplexer allows the Panorama dual band antenna to be used with 2 single band radios (4m OR 2m & TETRA).

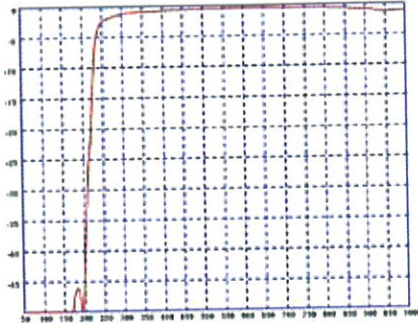
The Diplexer uses a stripline design to provide low insertion loss with high port to port isolation and high power handling capability.

#### Technical Drawing

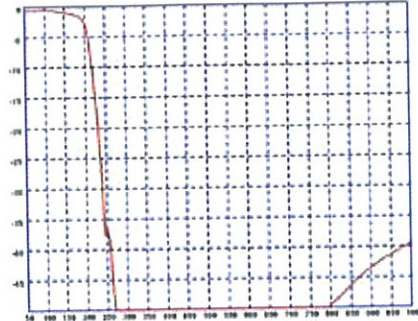




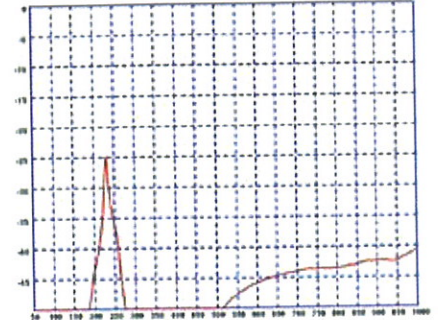
High Pass Insertion Loss



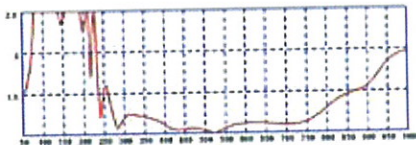
Low Pass Insertion Loss



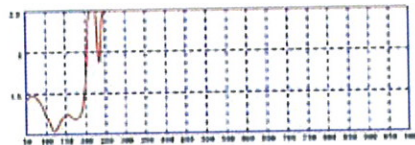
Port Isolation



High Pass VSWR



Low Pass VSWR



Part No.

DPX-210-270-BJ

**Electrical Data**

Frequency Range (MHz)	VHF (2m or 4m)	50 - 210
	UHF (TETRA)	270 - 1000
Insertion Loss	VHF (2m or 4m)	< 1dB
	UHF (TETRA)	< 1dB
Isolation between ports		> 40dB
Maximum input power		20 Watts

**Mechanical Data**

Dimensions (mm)	Length	100
	Width	90
	Thickness	20
Operating Temp (°C)		-40° / +80°C
Material		Aluminium
Colour		Black
Termination		BNC sockets on all ports

**Mounting Data**

Fixing	4 × Mounting holes
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