

Product Data Sheet

VHF & TETRA Diplexer

TETRA UHF

VHF & TETRA Diplexer



DPX-210-270

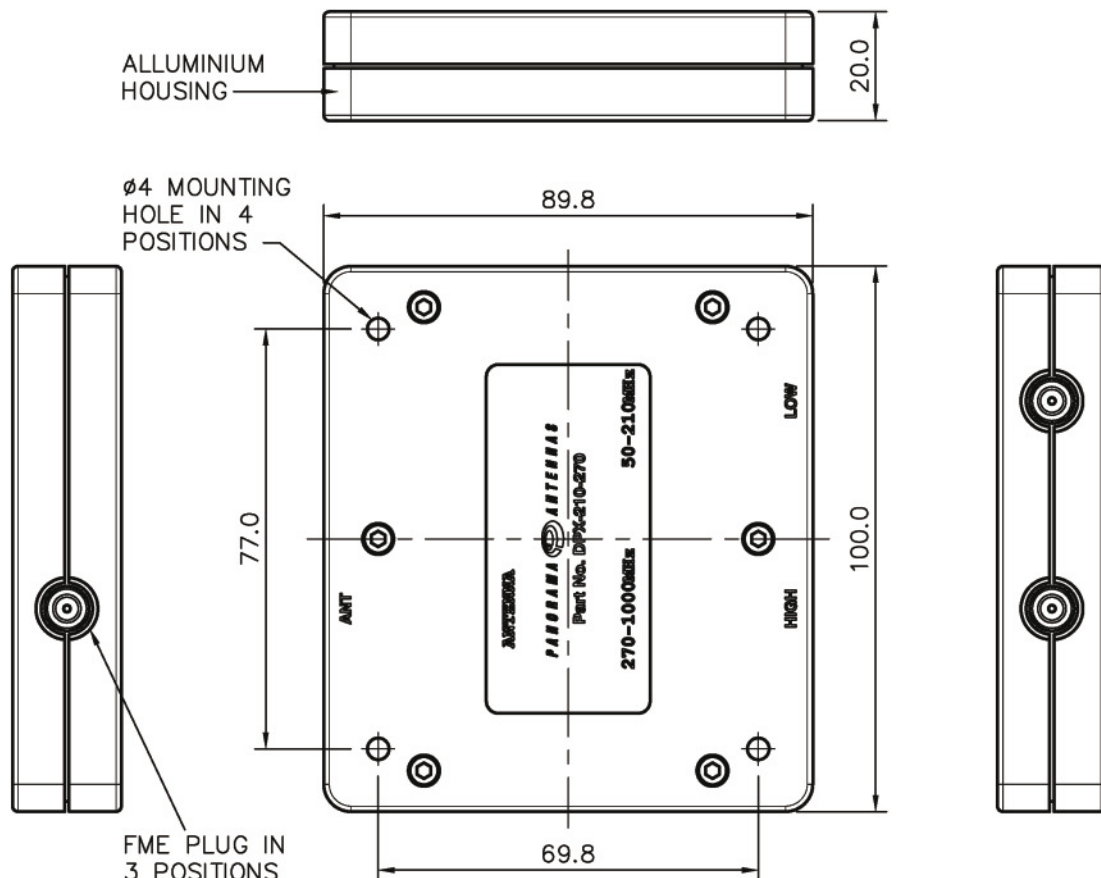
Use one antenna for 2 radios
VHF & TETRA

The Panorama diplexer, DPX-210-270, can either combine the signals from two antennas to a single multiband radio or split the signal from a dual band antenna to two separate radios. There is no need for switching or matching as the DPX-210-270 will automatically split or combine 2m and TETRA to route them to their separate radios.

This compact unit requires no power cables and can easily be installed in the roof lining of any vehicle or mounted next to the radio.

The DPX-210-270 is ideal for all dual band and VHF / UHF migration systems.

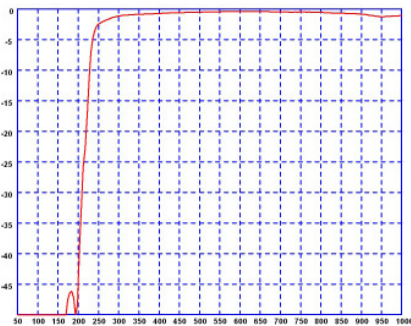
Technical Drawing



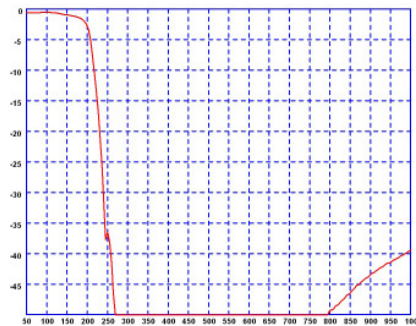
TETRA UHF

VHF & TETRA Diplexer

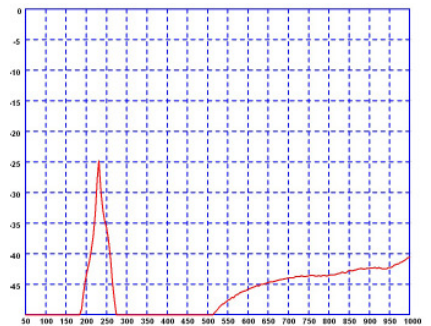
High Pass Insertion Loss



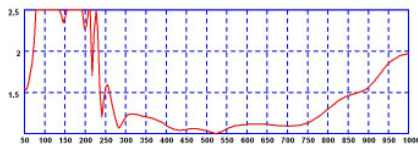
Low Pass Insertion Loss



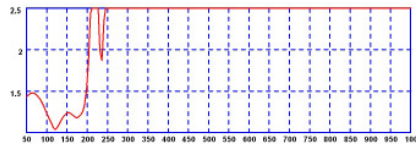
Port Isolation



High Pass VSWR



Low Pass VSWR



Part No.

DPX-210-270

Electrical Data

Frequency Range (MHz)	VHF	50 - 210
	UHF	270 - 1000
Insertion Loss	VHF	< 1dB
	UHF	< 1dB
Insertion between high and lowpass 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		FME sockets on all ports

Mounting Data

Fixing	4 × Mounting holes
--------	--------------------

Panorama Antennas Ltd
Frogmore, London, SW18 1HF, United Kingdom

T: +44 (0)20 8877 4444
F: +44 (0)20 8877 4477

E: sales@panorama-antennas.com
www.panorama-antennas.com

PANORAMA  *ANTENNAS*