

3. Additional items

Triplexer Unit

VHF Migration

Public Safety

ROHS Compliant



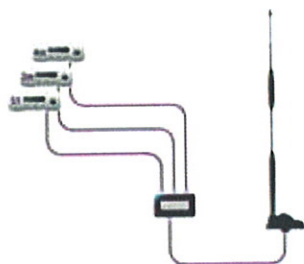
TPX-VL-VH-UHF-BNC

Allows multiband antenna to be used with 3 radios
4m, 2m & TETRA Bands

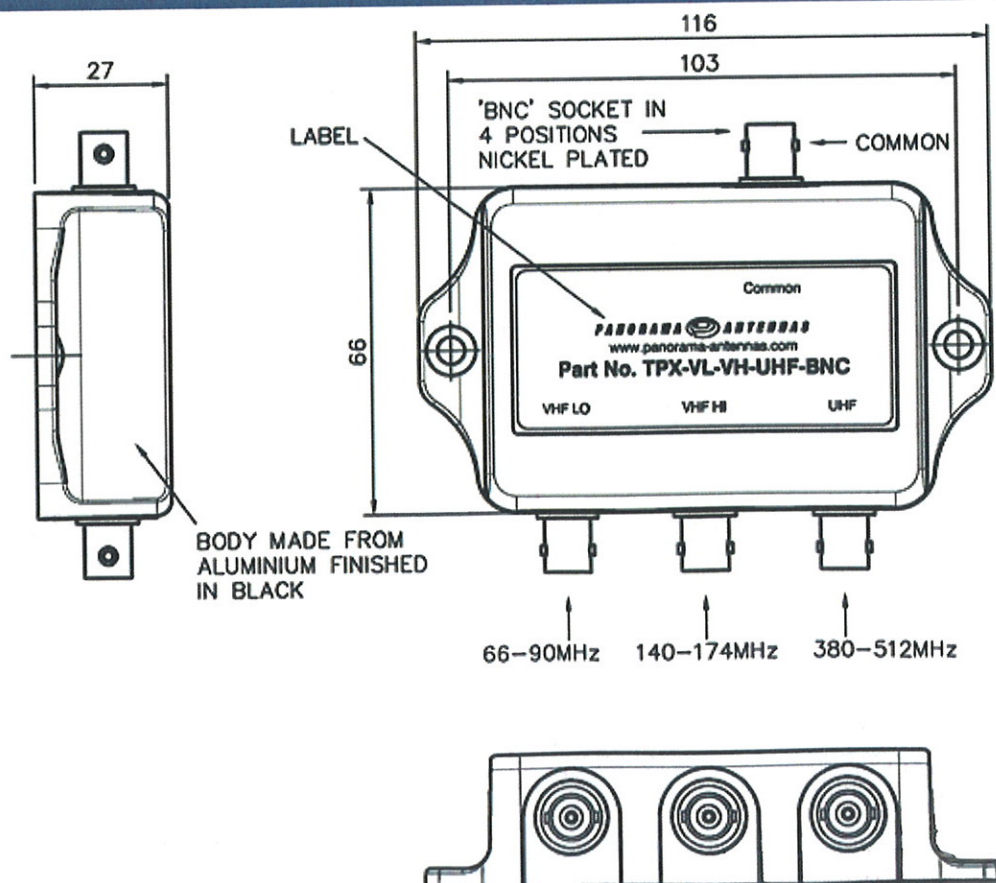
The Panorama Triplexer is housed in a compact, robust die cast case for reliability and easy mounting.

This Triplexer allows the Panorama multiband antenna to be used with up to 3 single band radios (4m, 2m & TETRA).

The Triplexer uses efficient design to provide low insertion loss with high port to port isolation and high power handling capability.



Technical Drawing



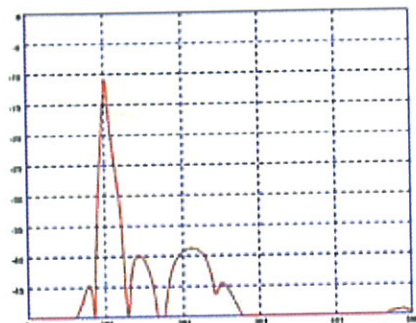


BOS TETRA MIGRATION

BUILD YOUR OWN KIT



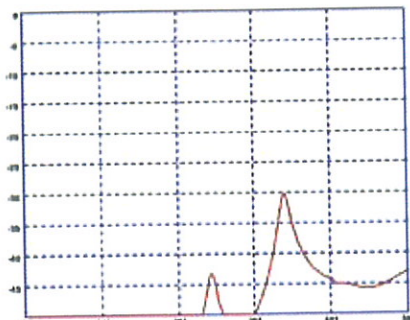
VL-VH Isolation



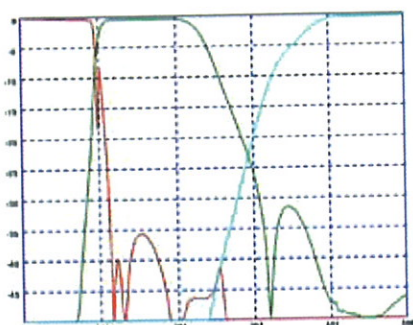
VL-UHF Isolation



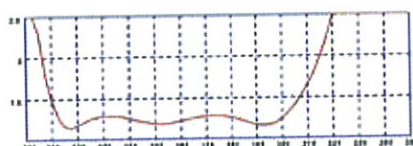
VH-UHF Isolation



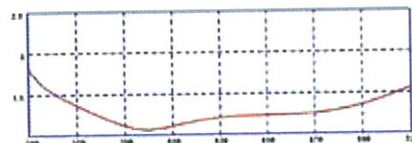
All Ports Isolation Loss



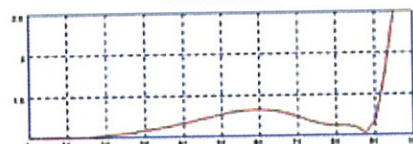
VH Port VSWR



UHF Port VSWR



VL Port VSWR



Part No.

TPX-VL-VH-UHF-BNC

Electrical Data

Frequency Range (MHz)	VHF Low Band (4m)	66 - 90
	VHF High Band (2m)	140 - 174
	UHF (TETRA)	380 - 512
Insertion Loss	VHF Low Band (4m)	< 0.2dB
	VHF High Band (2m)	< 0.25dB
	UHF (TETRA)	< 0.3dB
Isolation between ports		>45dB
Maximum input power		50 Watts

Mechanical Data

Dimensions (mm)	Length	66
	Width	116
	Height	27
Operating Temp (°C)		-40° / +80°C
Material		Aluminium
Colour		Black
Termination		BNC sockets on all ports

Mounting Data

Fixing	2 × Mounting holes
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