

These 3 Way, Wide Band phasing and matching harnesses cover the frequency range 68 MHz to 470 MHz making them suitable for use in the PMR, Broadcasting (Band II and DAB), Ground to Air, Marine and TETRA bands. They are made from high quality components including specially made coaxial cable to produce the correct transformation ratios. Epoxy potted junctions ensure complete weather protection. These phasing and matching harnesses can be used to combine 3 antennas into one output or to split an antenna signal into three paths.

## MMU3xxx

Wide Band VHF & UHF Bands | 3 Way Phasing Harnesses

Replace "xxx" with desired model number option.



Electrical Characteristics																				
Frequency range	68..470 MHz																			
Model number options (xxx)	<table border="1"> <thead> <tr> <th>Model Number</th> <th>Frequency band*</th> </tr> </thead> <tbody> <tr> <td>MMU3072</td> <td>66-80 MHz</td> </tr> <tr> <td>MMU3082</td> <td>74-89 MHz</td> </tr> <tr> <td>MMU3088</td> <td>88-108 MHz</td> </tr> <tr> <td>MMU3118</td> <td>118-136 MHz</td> </tr> <tr> <td>MMU3160</td> <td>144-175 MHz</td> </tr> <tr> <td>MMU3176</td> <td>176-192 MHz</td> </tr> <tr> <td>MMU3415</td> <td>380-430 MHz</td> </tr> <tr> <td>MMU3450</td> <td>406-470 MHz</td> </tr> </tbody> </table>	Model Number	Frequency band*	MMU3072	66-80 MHz	MMU3082	74-89 MHz	MMU3088	88-108 MHz	MMU3118	118-136 MHz	MMU3160	144-175 MHz	MMU3176	176-192 MHz	MMU3415	380-430 MHz	MMU3450	406-470 MHz	
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Inherent insertion loss	4.5 dB																			
Additional loss	0.45 dB																			
VSWR	1.2:1																			
Impedance	50Ω																			
Splitter power rating (CW)	200 W																			
RF connectors:																				
MMU3072	N-Female on downlead, N-Male on antenna leads																			
MMU3082	N-Female on downlead, N-Male on antenna leads																			
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MMU3176	N-Female on downlead, N-Male on antenna leads																			
MMU3415	7/16-Male on downlead, 7/16-Male on antenna leads																			
MMU3450	N-Female on downlead, N-Male on antenna leads																			

\* Other frequencies available upon request.

Mechanical Characteristics			
Dimensions (Max Length)	70 MHz:	3800 mm	149.6 in
	450 MHz:	1300 mm	51.2 in
Weight	70 MHz:	2.3 kg	5.1 lbs
	450 MHz:	1.0 kg	2.2 lbs
Environmental	IP65		

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.