

## Datasheet

### Vision Gold Masthead Splitter / Combiners

V24-120 2-Way Splitter 40-862MHz  
 V24-140 4-Way Splitter 40-860MHz

- § High quality low loss inductive splitters
- § High output to output isolation
- § Non-directional DC pass to from input to output 1
- § Outdoor weatherproof IP53 rated ABS housing for mast or bulkhead fixing
- § Allows use of "type 125" cable and connectors
- § Fully screened metal internal modules for minimum interference
- § Gold F-connectors for superior connectivity
- § Can be used to combine signals from different sources
- § Designed and manufactured in the UK



Model	V24-120 2-Way Splitter	V24-140 4-Way Splitter
Frequency Range	40-862MHz	40-862MHz
Insertion Loss	VHF 3.5dB	VHF 7.0dB
	UHF 4.0dB	UHF 8.0dB
Isolation / Output - Output	VHF 20dB typ	VHF 24dB typ
	UHF 21dB typ	UHF 27dB typ
Return Loss	16dB min	14dB min
DC Pass	Combined - Output 1	Combined - Output 1
	12V 100mA	12V 100mA
Size	105mm x 90mm x 58mm	
Fixing	Nylon mast tie up to 55mm masts or wall/bulkhead	
Housing	Ventilated weatherproof ABS moulding IP53 rated with screened compartmentalised electronics module	
Connectors	Corrosion resistant gold plated female F connectors for superior connectivity	

In the interests of continued product development & improvement, Vision Products (Europe) Ltd reserves the right to change product specifications, design & dimensions. Data correct at time of going to press. 25/04/2008