



## FREQUENCY INDEPENDENT DATA

Description: ring hybrid combiner/splitter  
 Frequency:  $f_0 \pm 3.8\%$   
 Impedance: 50 ohm  
 VSWR:  $< 1.2$   
 Insertion loss:  $< 3.25$  dB  
 Isolation: 30 - 70 dB  
 Connector: 4\*N-female  
 Temperature:  $-35^\circ\text{C} - +80^\circ\text{C}$   
 IP: 67

- dual radios connected to a single antenna
- hot stand by same channel redundancy
- adjacent channel simultaneous operation

Operation mode	Port 1	Port 2	Port 3	Port 4
Combiner 180°	Input 0°	Output	Terminated	Input 180°
Splitter 180°	Output 0°	Input	Terminated	Output 180°
Combiner 0°	Output 0°	Input 0°	Input 0°	Terminated
Splitter 0°	Input 0°	Output 0°	Output 0°	Terminated
$\Sigma / \Delta$ 0°	$\Sigma$ Output	Input 0°	Input 0°	Output

