



## Diplexer for ERA® 614-896 & 1695-2200 MHz Outdoor Applications

### Product Classification

<b>Product Type</b>	Diplexer
<b>Product Brand</b>	ERA®

### General Specifications

<b>Application</b>	Outdoor
<b>Input Connector Interface</b>	4.3-10 Male
<b>Note</b>	Detailed Product Specifications are available. Please contact your local CommScope representative.
<b>Output Connector Interface</b>	4.3-10 Female

### Dimensions

<b>Height</b>	178 mm   7.008 in
<b>Width</b>	69 mm   2.717 in
<b>Depth</b>	41 mm   1.614 in

### Electrical Specifications

<b>Insertion Loss, maximum</b>	0.25 dB
<b>Return Loss, minimum</b>	23 dB
<b>Average Power, maximum</b>	1 W
<b>Impedance</b>	50 ohm
<b>Intermodulation</b>	-155dBc @ 2 x +30dBm CW (3rd Order)
<b>Isolation, maximum</b>	40 dB
<b>Operating Frequency Band</b>	1695 – 2200 MHz   614 – 896 MHz
<b>Passband Ripple, Tolerance</b>	± 0.7 dB
<b>Peak Power, maximum</b>	0.01 kW

### Environmental Specifications

**Ingress Protection Test Method**

IEC 60529:2001, IP65

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

