



## Diplexer for ION-E and Era 1695-2200 & 2300-2700 MHz Outdoor Applications

### Product Classification

<b>Brand</b>	Era™   ION@-E
<b>Product Type</b>	Diplexer

### General Specifications

<b>Input Connector Interface</b>	4.3-10 Male
<b>Note</b>	Detailed Product Specifications are available. Please contact your local CommScope representative.
<b>Operating Frequency Band</b>	1695 – 2200 MHz   2300 – 2700 MHz
<b>Output Connector Interface</b>	4.3-10 Female

### Electrical Specifications

<b>Average Power, maximum</b>	1 W
<b>Impedance</b>	50 ohm
<b>Insertion Loss, maximum</b>	0.25 dB
<b>Intermodulation</b>	-155dBc @ 2 x +30dBm CW (3rd Order)
<b>Isolation, maximum</b>	40.00 dB
<b>Passband Ripple, Tolerance</b>	± 0.7 dB
<b>Peak Power, maximum</b>	10 W
<b>Return Loss, minimum</b>	23.0 dB

### Environmental Specifications

<b>Application</b>	Outdoor
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP65

### Dimensions

<b>Depth</b>	38.00 mm   1.50 in
<b>Height</b>	208.00 mm   8.19 in
<b>Width</b>	76.00 mm   2.99 in