



Diplexer for ION-E and Era 614-896 & 1695-2200 MHz Outdoor Applications

Product Classification

Brand	Era™ ION®-E
Product Type	Diplexer

General Specifications

Input Connector Interface	4.3-10 Male
Note	Detailed Product Specifications are available. Please contact your local CommScope representative.
Operating Frequency Band	1695 – 2200 MHz 614 – 896 MHz
Output Connector Interface	4.3-10 Female

Electrical Specifications

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

Environmental Specifications

Application	Outdoor
Ingress Protection Test Method	IEC 60529:2001, IP65

Dimensions

Depth	41.00 mm 1.61 in
Height	178.00 mm 7.01 in
Width	69.00 mm 2.72 in