



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

Product Classification

Product Type	Diplexer
Product Brand	Era™ ION®-E

General Specifications

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

Dimensions

Height	178 mm 7.008 in
Width	69 mm 2.717 in
Depth	41 mm 1.614 in

Electrical Specifications

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

7779139-00

Environmental Specifications

Ingress Protection Test Method

IEC 60529:2001, IP65