# 7779150-00



### Diplexer for ERA® 1695-2200 & 2300-2700 MHz Outdoor Applications

Product Classification
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Product Type	Diplexer	
Product Brand	ERA®	
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	208 mm   8.189 in	
Width	76 mm   2.992 in	
Depth	38 mm   1.496 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   2300 – 2700 MHz	
Passband Ripple, Tolerance	± 0.7 dB	
Peak Power, maximum	0.01 kW	

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#### **Environmental Specifications**

Ingress Protection Test Method

IEC 60529:2001, IP65

### Regulatory Compliance/Certifications

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

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