



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

Product Classification

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

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

