

# 78211364

## UHF Duplexer 410-415/420-425

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410-415 / 420-425

Type	78211364 Single Unit	
Frequency (MHz)	Low Band 410-415	High Band 420-425
Insertion Loss (dB)	≤ 0.8	≤ 0.8
Ripple (dB)	≤ 0.5	≤ 0.5
Out-of-Band Rejection (dB)	≥ 50 (DC-405MHz) ≥ 65 (420-1000MHz)	≥ 65 (DC-415MHz) ≥ 50 (430-1000MHz)
PIM3 (dBc, @2x43dBm)	≤ -150	
Isolation (dB)	≥ 65	
VSWR	≤ 1.25	
Return Loss (dB)	≥ 19	
Input Impedance (ohm)	50	
Input Power, Avg. (W)	200 per Port	
Input Power, Peak (W)	1,500	
DC Stop	Between All Ports	
Connectors	7/16 Female	
Dimension (mm)*	223 x 292 x 77	
Weight (kgs)	5.4	
Ingress Protection Class	Indoor Application Only	
Operational RH (%)	≤ 95	
Operating Temperature (°C)	-20 to +60	
Storage Temperature (°C)	-40 to +85	
Barometric Pressure (kPa)	55 to 106	
Optional Accessory (Order Separately)	Rack Mount Unit	

\* excluding mounting bracket and connectors

Optional Accessory (Order Separately)	<b>19" Rack Mount Unit</b> <b>R0010005-V01 Front Mount</b> <b>R0010006-V01 Rear Mount</b>
Dimensions	19" Standard Rack, 2U Height Plug-in Depth: 253mm max.
Installation Note	1. Remove the mounting feet from the Duplexer unit 2. Reuse the four screw (M3 x 8 countersink head) to mount the Duplexer onto the Mounting Unit

