

DPX-WMB & DPX-RMB Series Diplex Filters

Now available from Toner are our DPX Series Diplex Filters in a compact metal wall mount housing (DPX-WMB) and in a 1RU Rackmount configuration (DPX-RMB).

The DPX-WMB is suitable for mounting in any location where space is a premium and access to the connectors from the front is needed.

The DPX-RMB version is a standard 19" 1RU (1 3/4") rackmount panel which allows for easy installation in any relay rack or enclosed cabinet type rack.



Each model is available in three different split frequencies to accommodate different reverse bandwidth requirements, 42-54 MHz, 85-105 MHz and 204-258 MHz.

- DPX-WMB-42 5-42 MHz Reverse, 54-1220 MHz Forward, Wall Mount
- DPX-WMB-85 5-85 MHz Reverse, 105-1794 MHz Forward, Wall Mount
- DPX-WMB-204 5-204 MHz Reverse, 258-1794 MHz Forward, Wall Mount
- DPX-RMB-42 5-42 MHz Reverse, 54-1220 MHz Forward, Rack Mount
- DPX-RMB-85 5-85 MHz Reverse, 105-1794 MHz Forward, Rack Mount
- DPX-RMB-204 5-204 MHz Reverse, 258-1794 MHz Forward, Rack Mount

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Wall Mount Models

Model	DPX-WMB-42	DPX-WMB-85	DPX-WMB-204
Impedance	75 Ω	75 Ω	75 Ω
Bandwidth			
Reverse	5-42 MHz	5-85 MHz	5-204 MHz
Forward	54-1220 MHz	105-1794 MHz	258-1794 MHz
Insertion Loss			
Reverse	0.85 dB Typical	0.85 dB Typical	0.85 dB Typical
Forward	1.0 dB Typical	1.0 dB Typical	1.0 dB Typical
Return Loss			
Reverse	18 dB Typical	18 dB Typical	18 dB Typical
Forward	18 dB Typical	18 dB Typical	18 dB Typical
Isolation	50 dB Typical	50 dB Typical	50 dB Typical
RFI Isolation	-120 dB	-120 dB	-120 dB
Size LxWxH	4 x 2 x 2 3/16"	4 x 2 x 2 3/16"	4 x 2 x 2 3/16"

Rackmount Models

Model	DPX-RMB-42	DPX-RMB-85	DPX-RMB-204
Impedance	75 Ω	75 Ω	75 Ω
Bandwidth			
Reverse	5-42 MHz	5-85 MHz	5-204 MHz
Forward	54-1220 MHz	105-1794 MHz	258-1794 MHz
Insertion Loss			
Reverse	0.85 dB Typical	0.85 dB Typical	0.85 dB Typical
Forward	1.0 dB Typical	1.0 dB Typical	1.0 dB Typical
Return Loss			
Reverse	18 dB Typical	18 dB Typical	18 dB Typical
Forward	18 dB Typical	18 dB Typical	18 dB Typical
Isolation	50 dB Typical	50 dB Typical	50 dB Typical
RFI Isolation	-120 dB	-120 dB	-120 dB
Size LxWxH	19 x 1 3/4 x 1 3/4"	19 x 1 3/4 x 1 3/4"	19 x 1 3/4 x 1 3/4"