

DPX Series Diplex Filter

Toner Diplex Filter

3 Models For Different Subsplits

DPX-42/1220 | DPX-85/1794 | DPX-204/1794

These Diplex Filters are designed for the new DOCSIS 3.1 frequencies but are also compatible with standard 1000 MHz system.

They feature a small compact housing that has a solder back for 120 dB RFI shielding. These models are available to fit different reverse frequencies 5-42, 5-85 and 5-204 MHz for use depending on system requirements.



DPX-42/1220



DPX-85/1794



DPX-204/1794

	DPX-42/1220	DPX-85/1794	DPX-204/1794
Bandwidth	5-1220 MHz	5-1794 MHz	5-1794 MHz
Impedance	75Ω	75Ω	75Ω
Insertion loss Low (typ)	5-42 MHz 0.85 dB Typ	5-85 MHz 0.85 dB Typ	5-204 MHz 1.0 dB Typ
Insertion Loss Low (max)	5-42 MHz 1.5 dB Max	5-85 MHz 1.5 dB Max	5-204 MHz 1.9dB Max
Insertion Loss High (typ)	54-1220 MHz 1.0 dB Typ	105-1794 MHz 1.0 dB Typ	258-1794 MHz 1.0 dB Typ
Insertion loss High (max)	54-1220 MHz 1.8 dB Max	105-1794 MHz 1.8 dB Max	258-1794 MHz 2.0 dB Max
Return loss (minimum)	18 dB Typ, 14 dB Minimum	18 dB Typ, 14 dB Minimum	18 dB Typ, 15 dB Minimum
Isolation	50 dB Typ, 45 dB Minimum	50 dB Typ, 45 dB Minimum	50 dB Typ, 45 dB Minimum
Connectors	F Female 3/8-32 UNEF	F Female 3/8-32 UNEF	F Female 3/8-32 UNEF
RFI	-120 dB	-120 dB	-120 dB
Size	3-1/2" x 1-3/8" x 5/8"	3-1/2" x 1-3/8" x 5/8"	3-1/2" x 1-3/8" x 5/8"