

DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS



-  Integrated duplexers and coaxial F-connectors
-  DOCSIS 1.0/1.1/2.0 frequency conformance
-  Multiple countries supported
-  Cost-efficient design

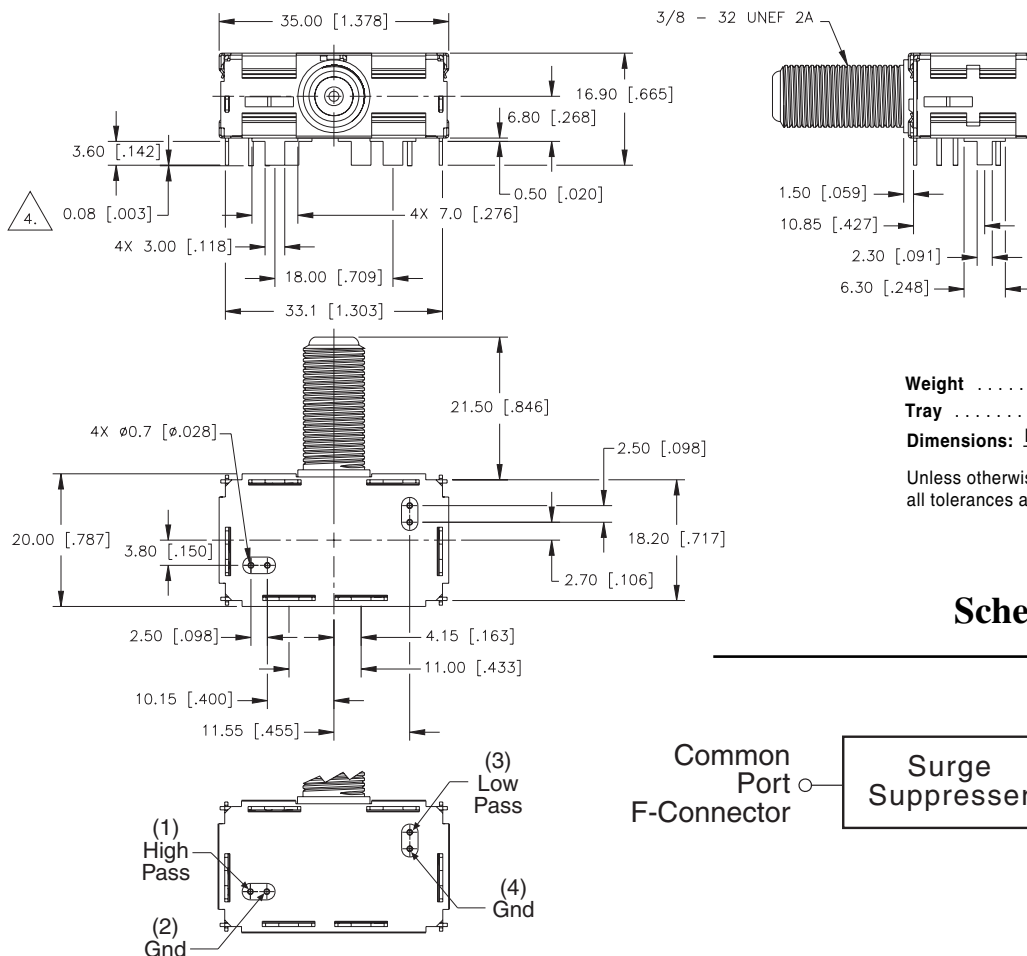
Electrical Specifications @ 25°C

Part Number	Low Pass Filter Passband (MHz)	High Pass Filter Passband (MHz)	Impedance (Ω)
C6026	5-44	58-860	75
C6035	5-42	88-860	75
C6036NL*	10-55	90-770	75
C6086NL*	5-65	108-860	75

*NL: Lead Free

Mechanical

C60XX/C60XXNL



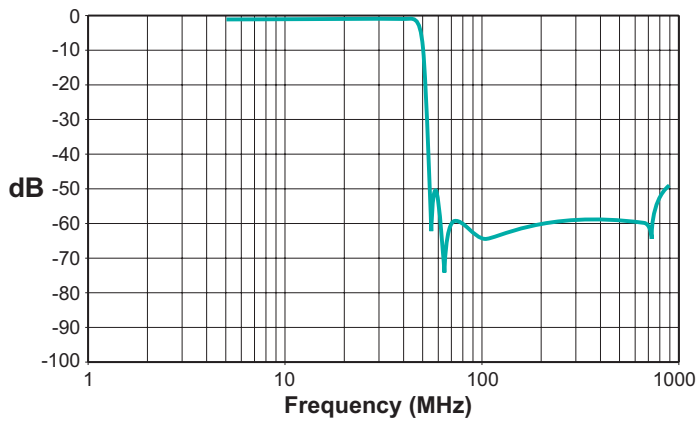
Schematic

DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS

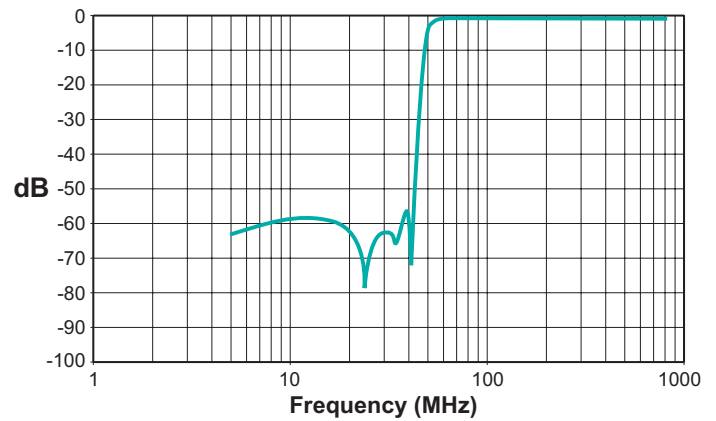


Typical Performance @ 25°C C6026

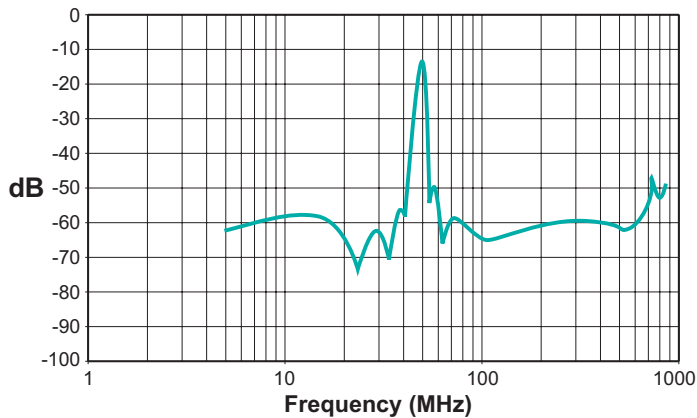
Low Pass Insertion Loss



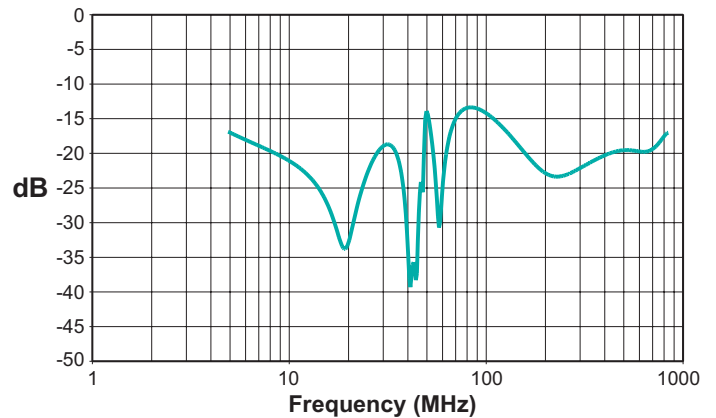
High Pass Insertion Loss



Crossover Isolation



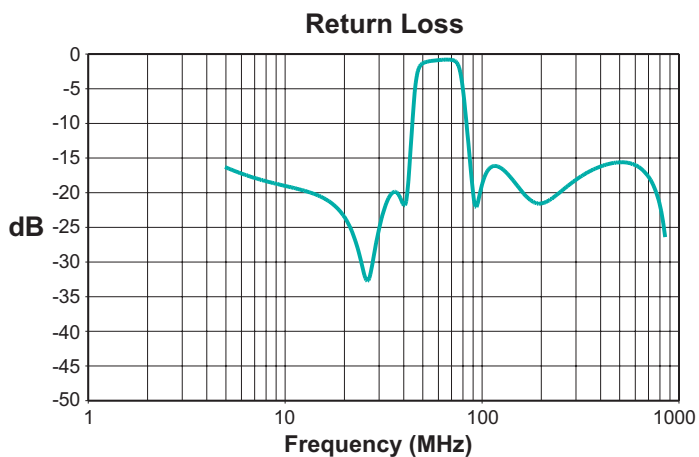
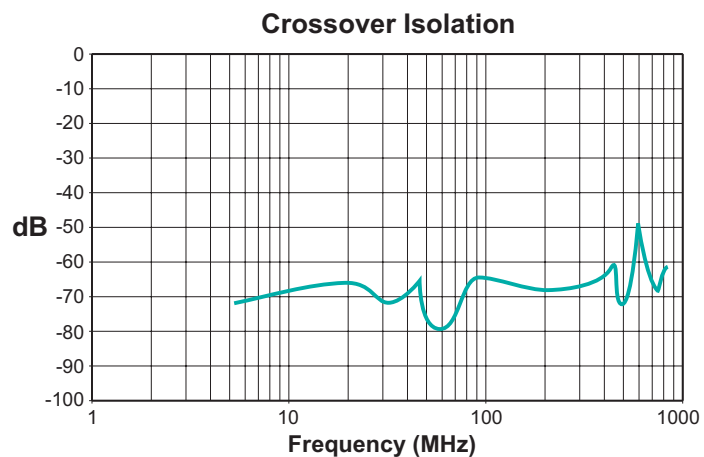
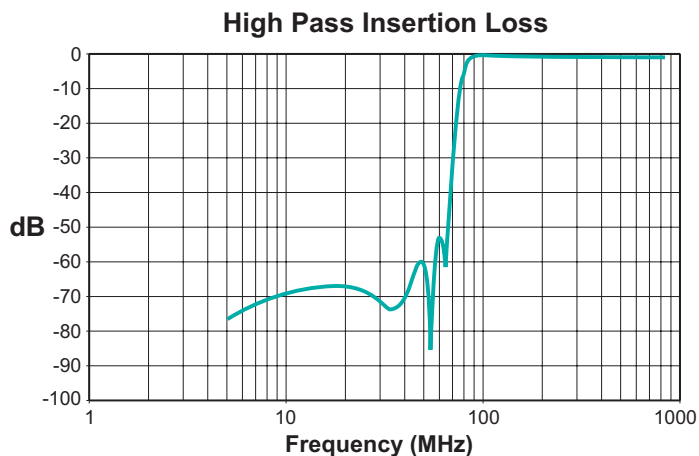
Return Loss



DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS



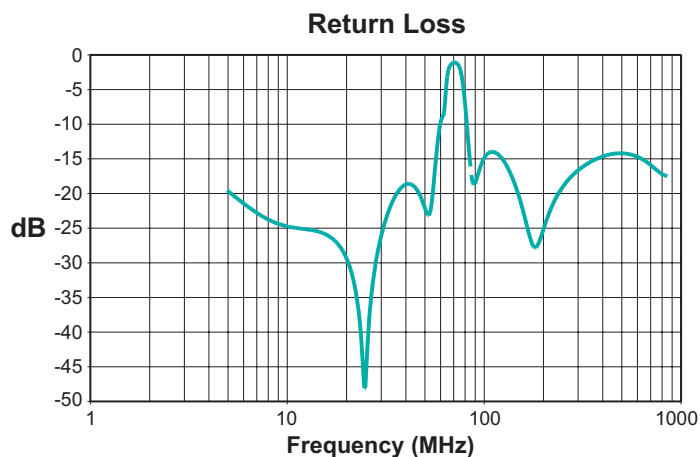
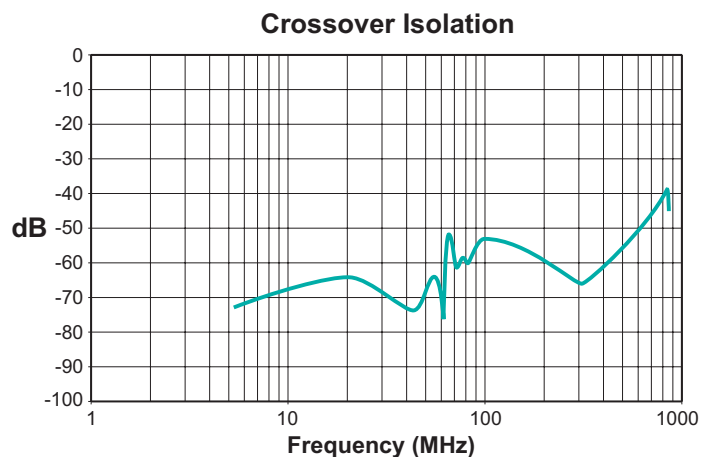
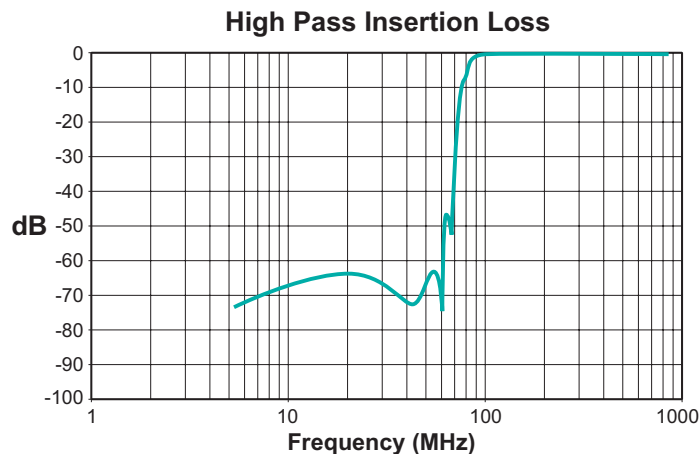
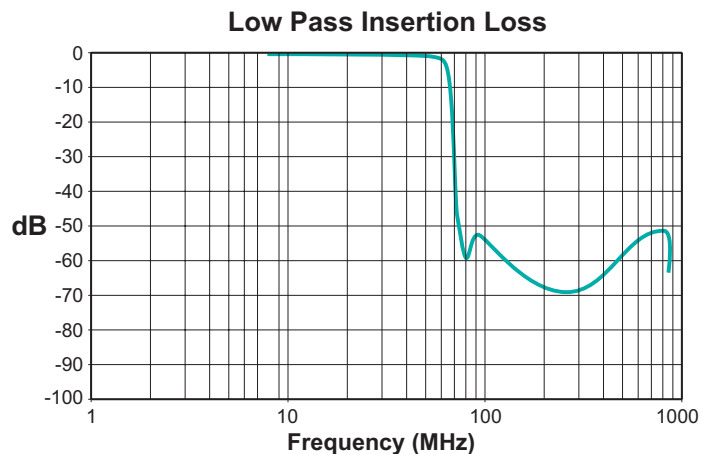
Typical Performance @ 25°C C6035



DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS



Typical Performance @ 25°C C6036NL

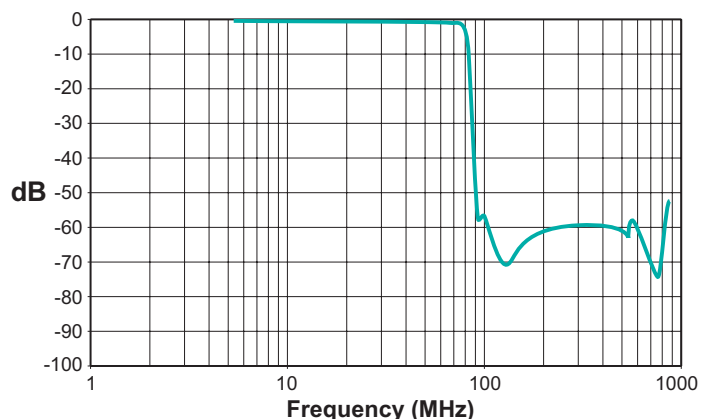


DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS

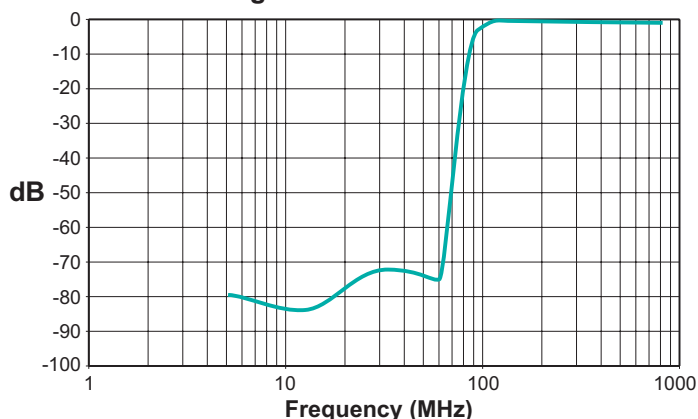


Typical Performance @ 25°C C6086NL

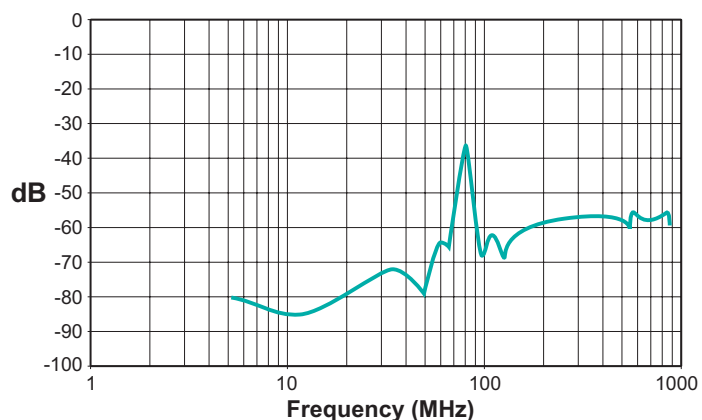
Low Pass Insertion Loss



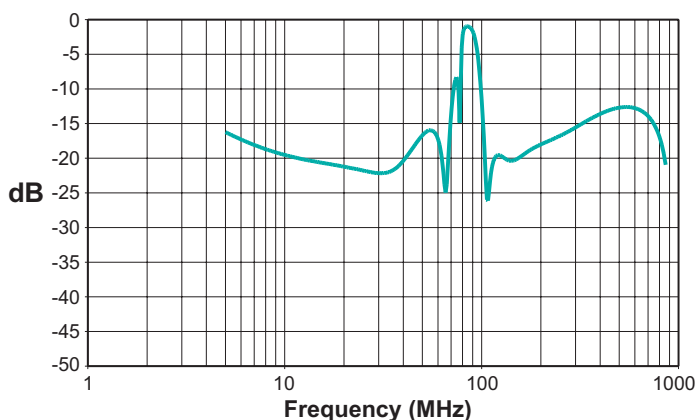
High Pass Insertion Loss



Crossover Isolation



Return Loss



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