





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

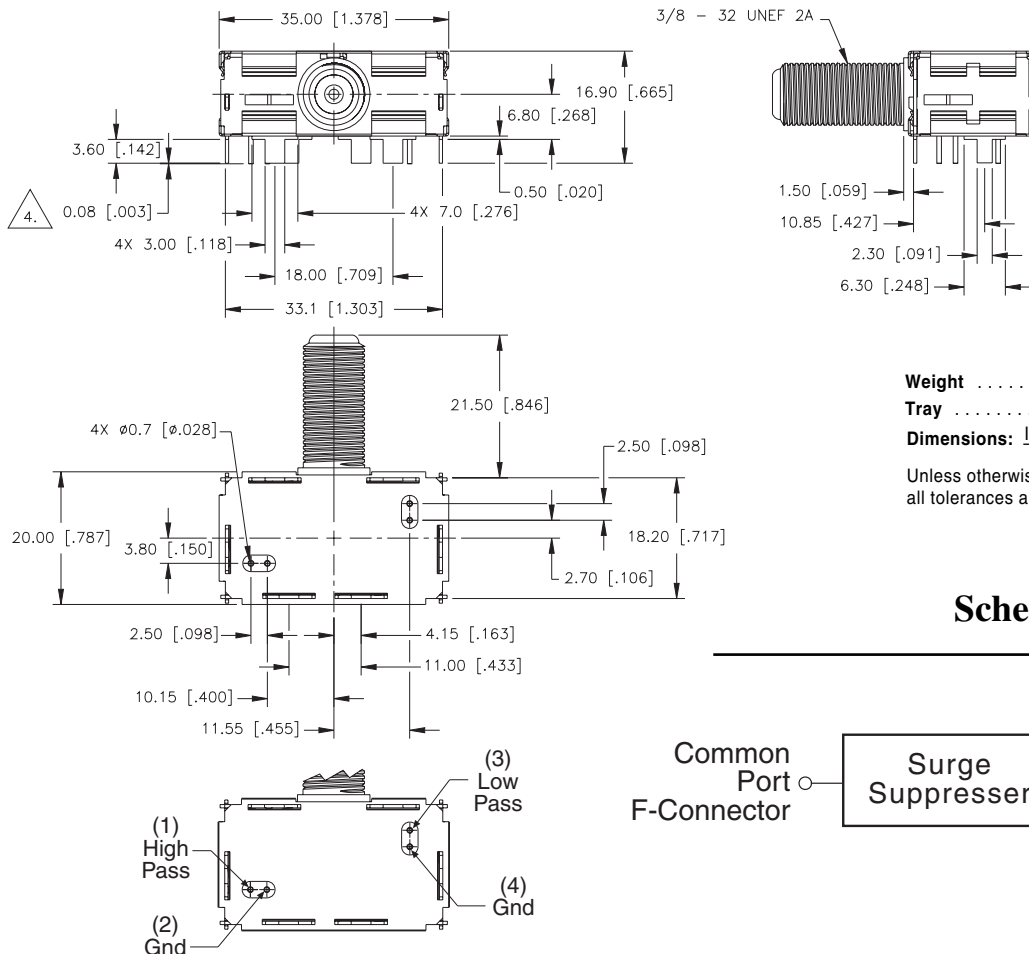
Electrical Specifications @ 25°C

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

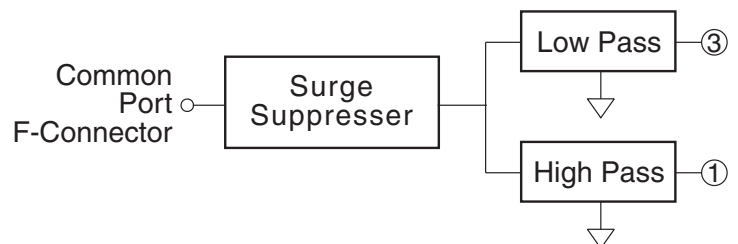
*NL: Lead Free

Mechanical

C60XX/C60XXNL



Schematic

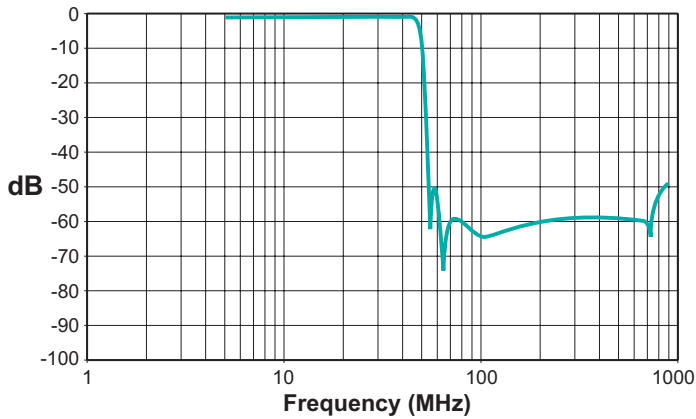


DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS

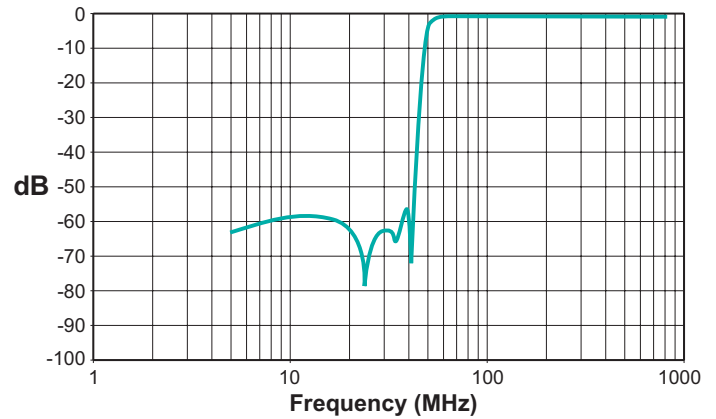


Typical Performance @ 25°C C6026

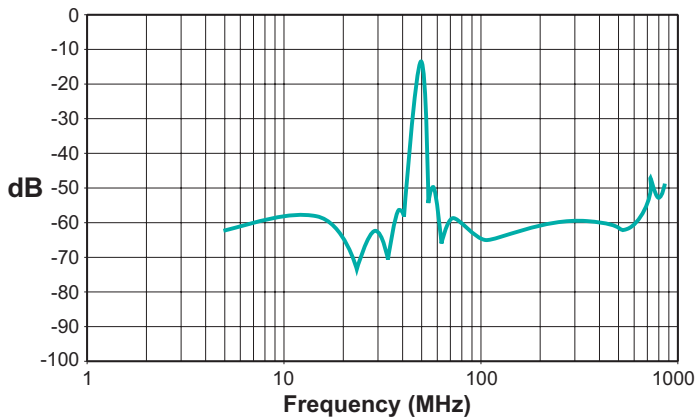
Low Pass Insertion Loss



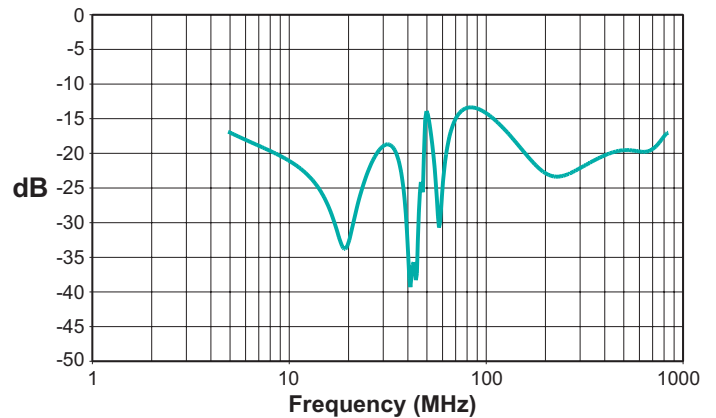
High Pass Insertion Loss



Crossover Isolation



Return Loss

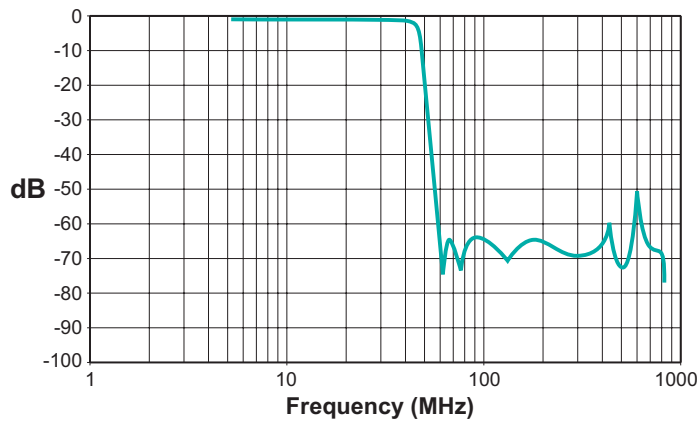


DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS

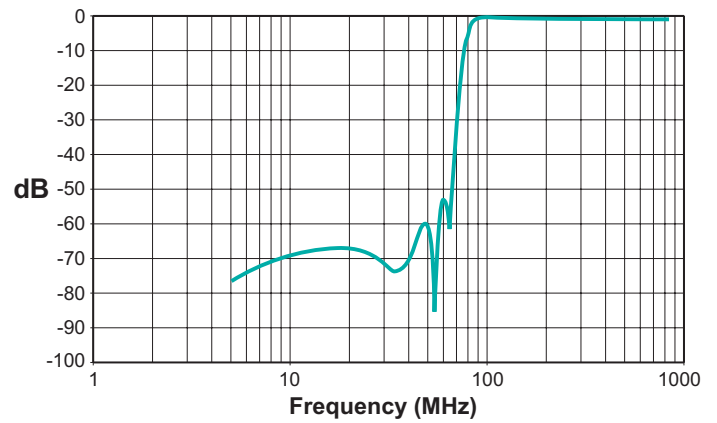


Typical Performance @ 25°C C6035

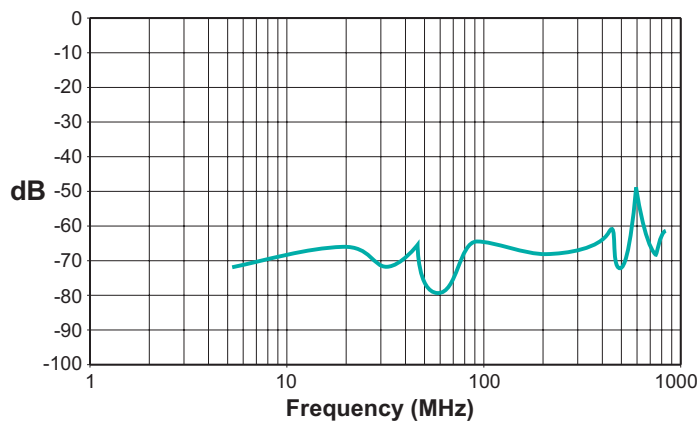
Low Pass Insertion Loss



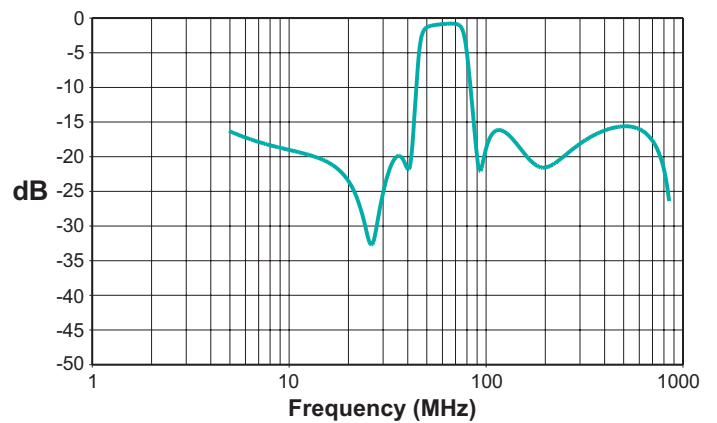
High Pass Insertion Loss



Crossover Isolation



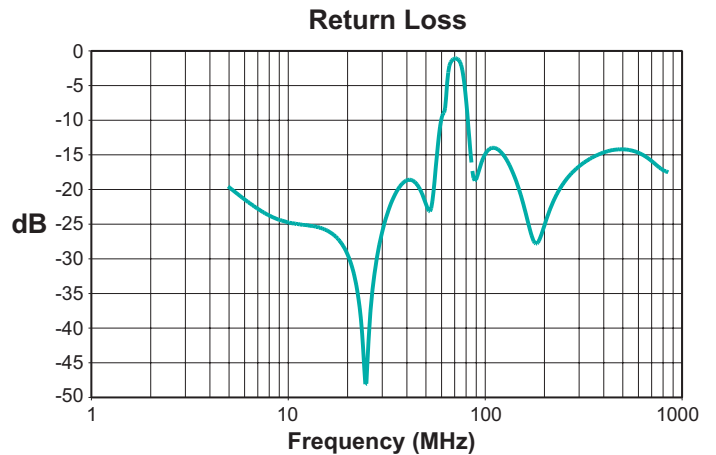
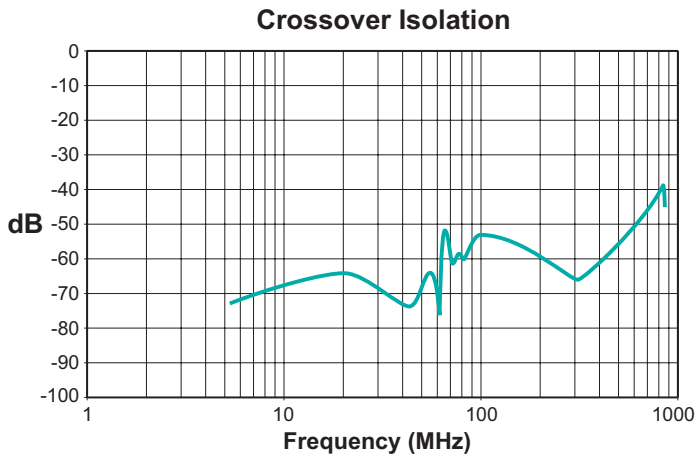
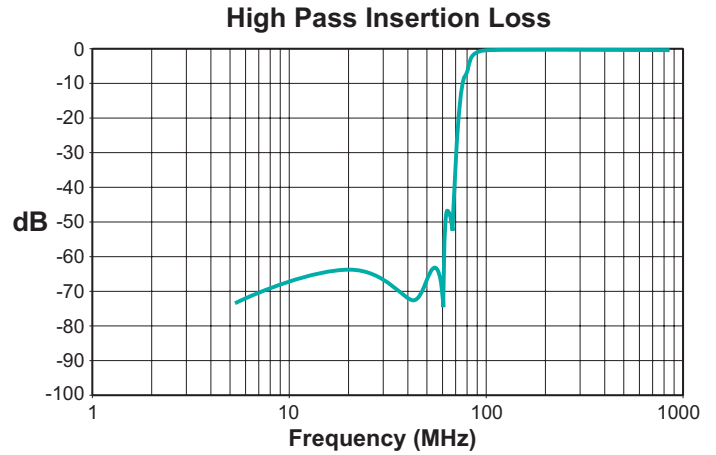
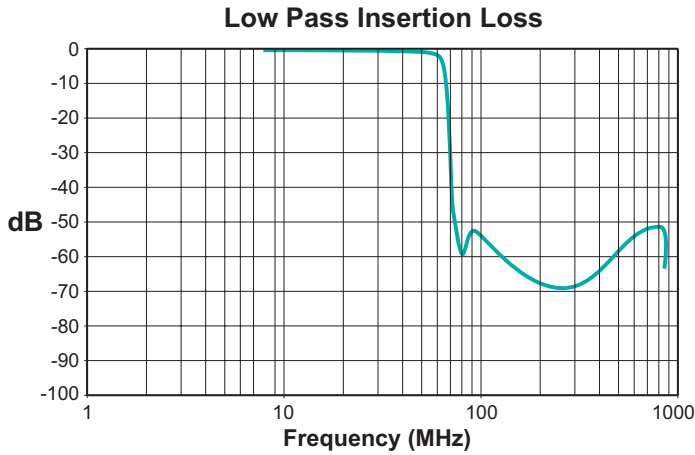
Return Loss



DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS



Typical Performance @ 25°C C6036NL

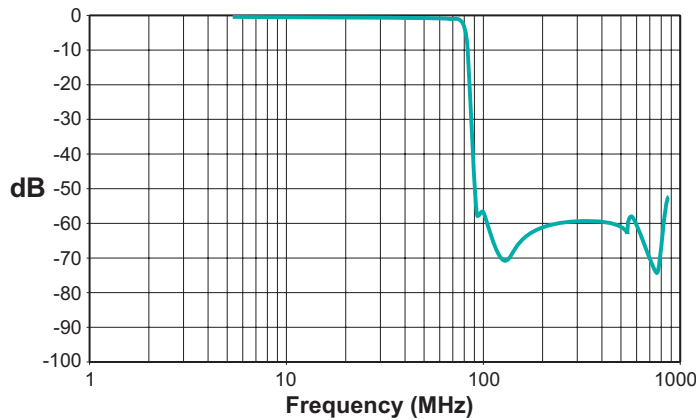


DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS

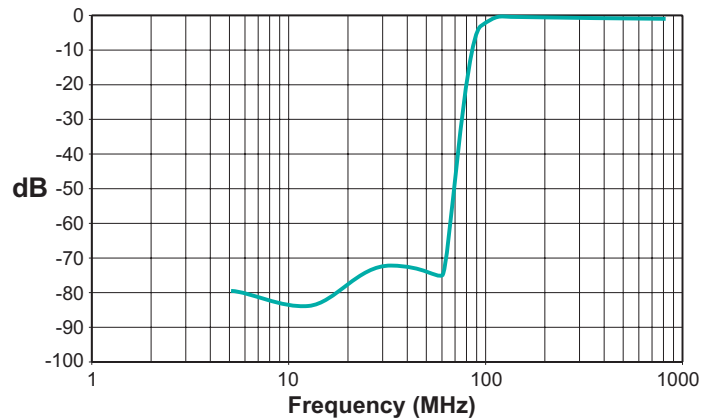


Typical Performance @ 25°C C6086NL

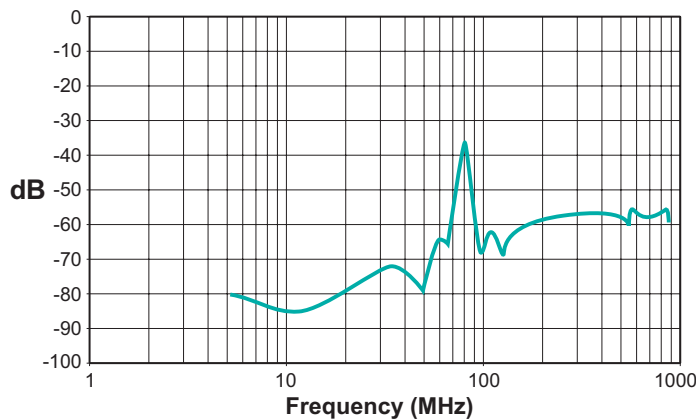
Low Pass Insertion Loss



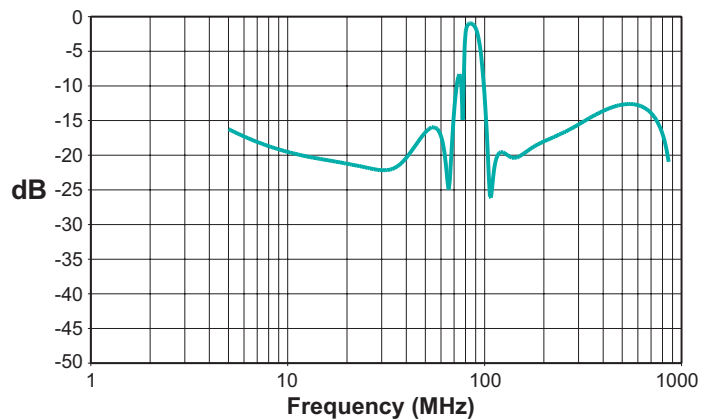
High Pass Insertion Loss



Crossover Isolation



Return Loss



For More Information:

Pulse Worldwide Headquarters

12220 World Trade Dr.
San Diego, CA 92128
U.S.A.

www.pulseeng.com

TEL: 858 674 8100

FAX: 858 674 8262

Pulse Europe

Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 7806 116

Fax: 49 7032 7806 135

Pulse China Headquarters

No. 1
Industrial District
Changan, Dongguan
China

Tel: 86 769 85538070

Fax: 86 769 85538870

Pulse North China

Room 1503
XinYin Building
No. 888 YiShan Rd.
Shanghai 200233
China

Tel: 86 21 54643211/2

Fax: 86 21 54643210

Pulse South Asia

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324

Tel: 65 6287 8998

Fax: 65 6280 0080

Pulse North Asia

No. 26
Kao Ching Rd.
Yang Mei Chen
Taoyuan Hsien
Taiwan, R. O. C.

Tel: 886 3 4641811

Fax: 886 3 4641911

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.

© Copyright, 2006. Pulse Engineering, Inc. All rights reserved.

www.pulseeng.com

C236.B (11/06)