





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

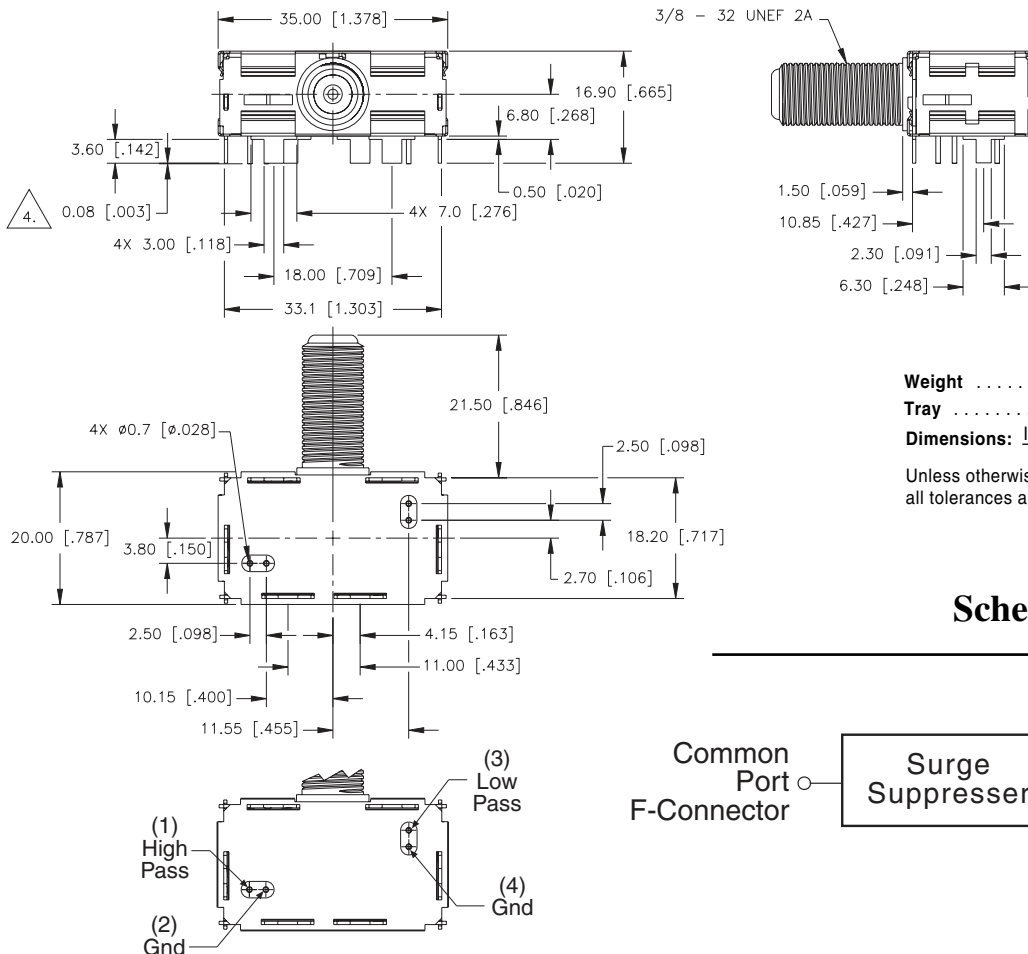
Electrical Specifications @ 25°C

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

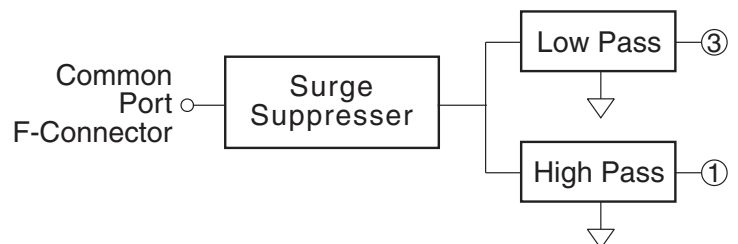
*NL: Lead Free

Mechanical

C60XX/C60XXNL



Schematic

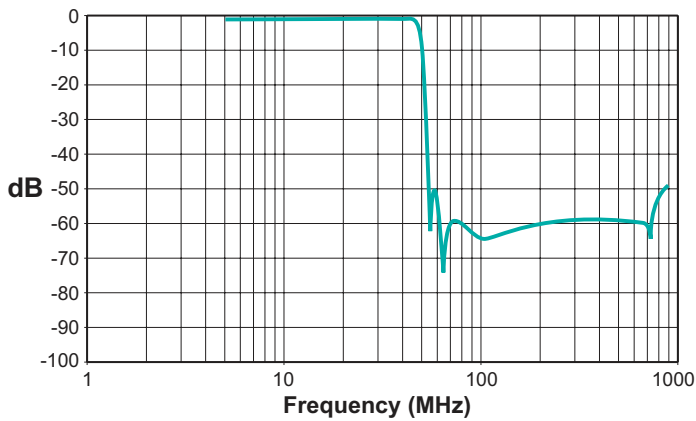


DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS

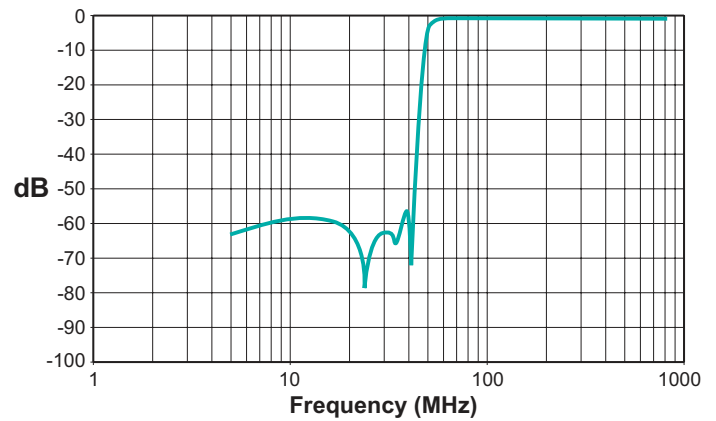


Typical Performance @ 25°C C6026

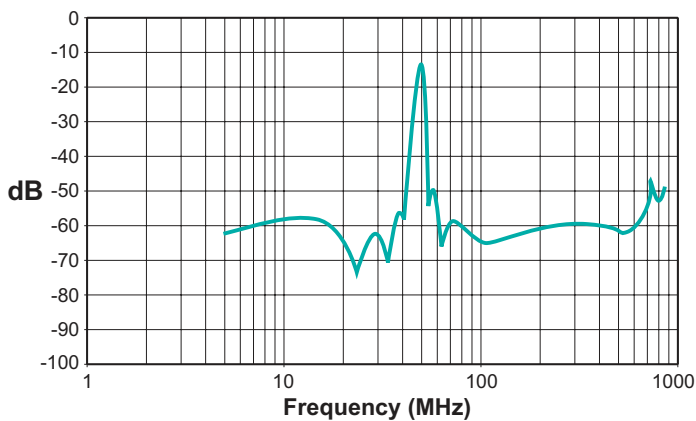
Low Pass Insertion Loss



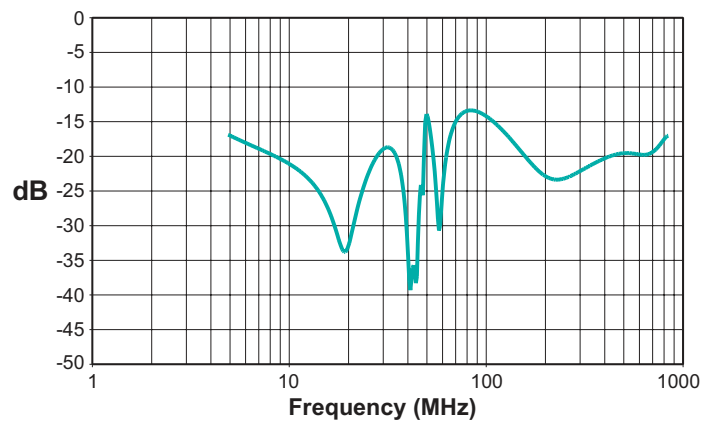
High Pass Insertion Loss



Crossover Isolation



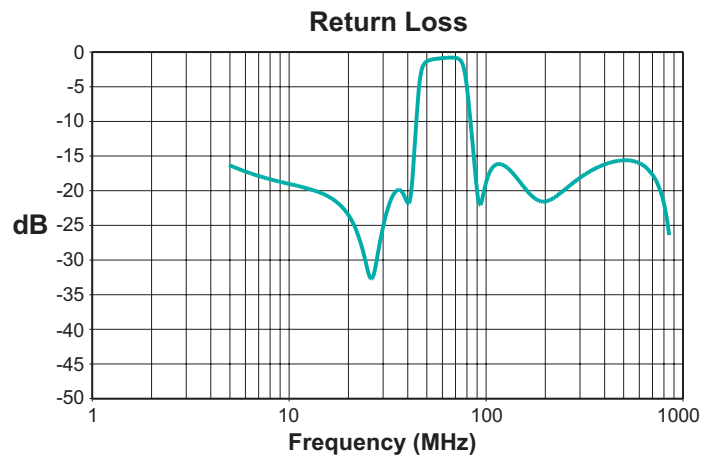
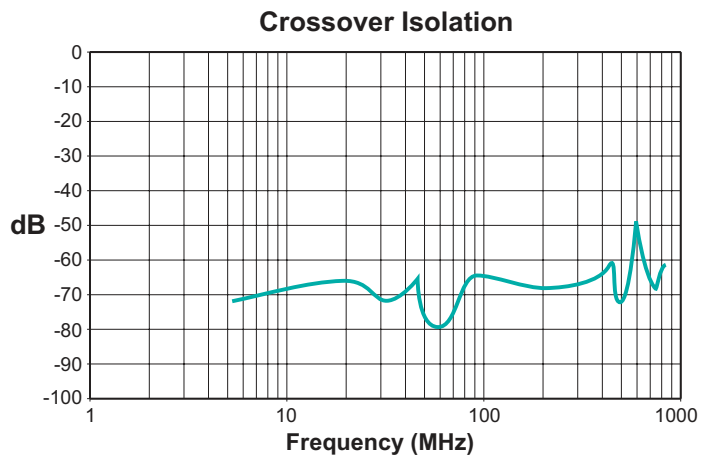
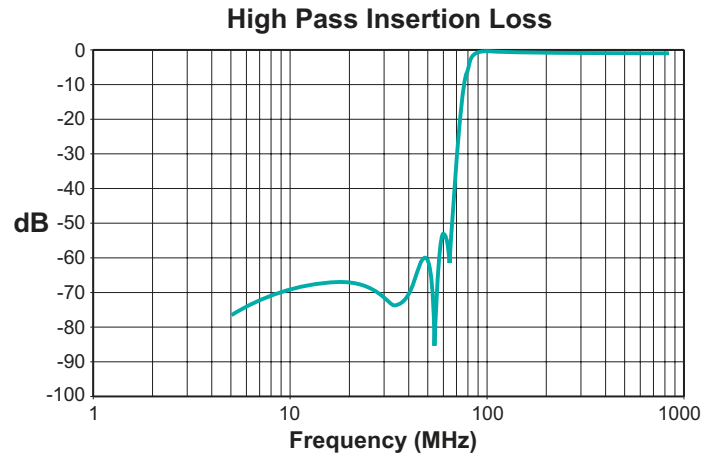
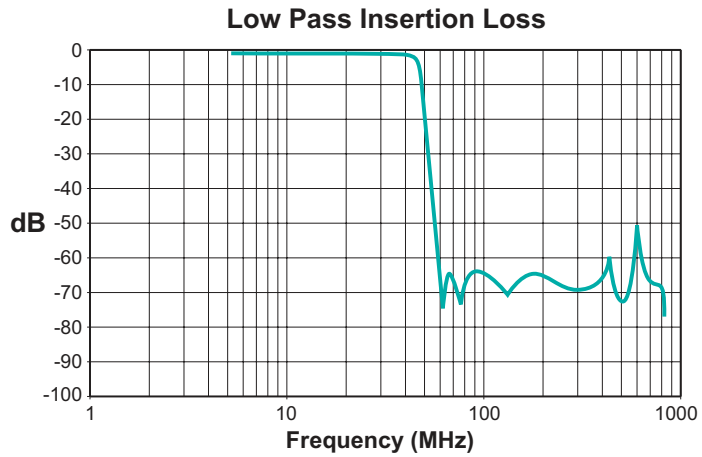
Return Loss



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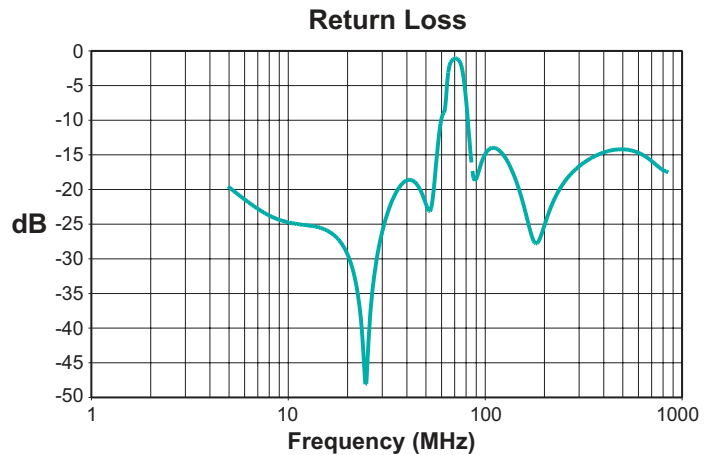
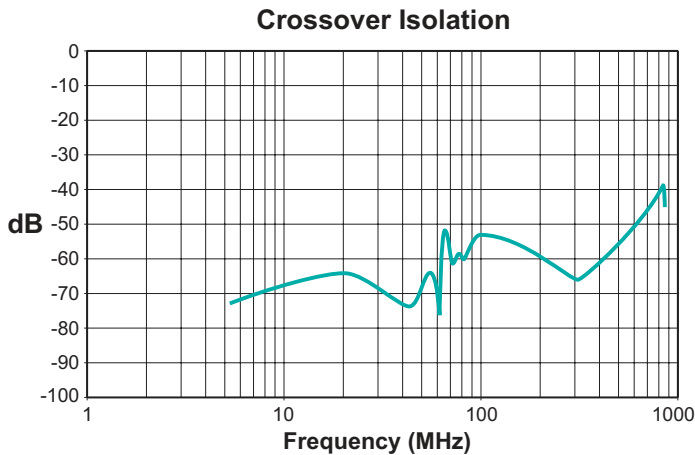
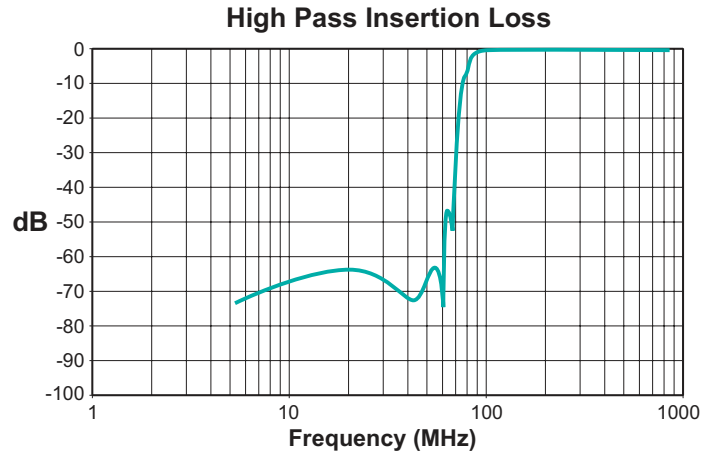
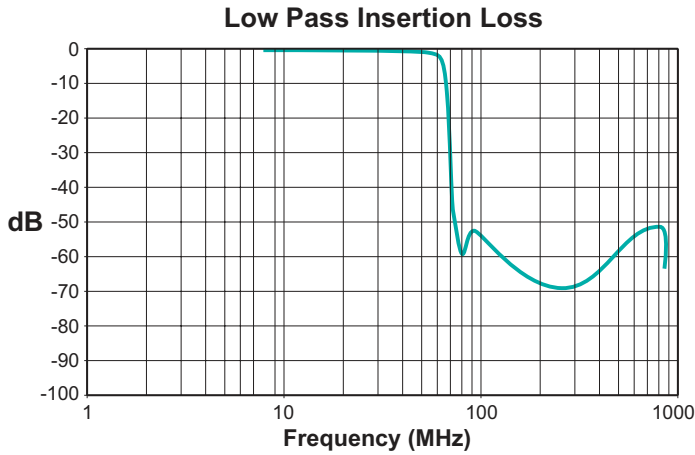
Typical Performance @ 25°C C6035



DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS



Typical Performance @ 25°C C6036NL

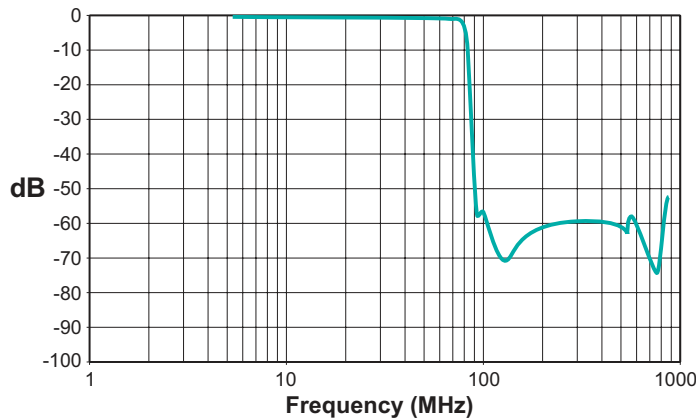


DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES AND GATEWAYS

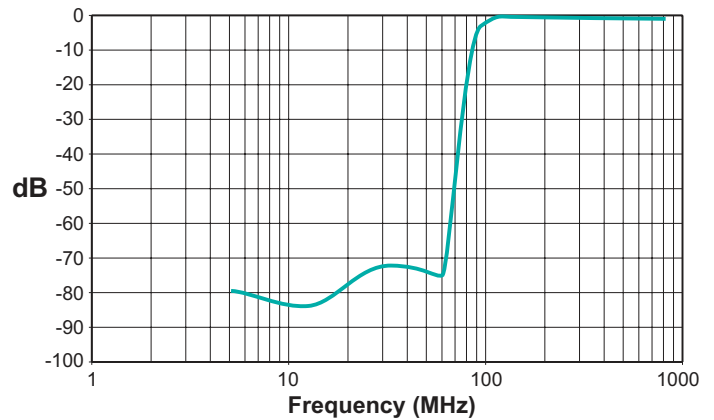


Typical Performance @ 25°C C6086NL

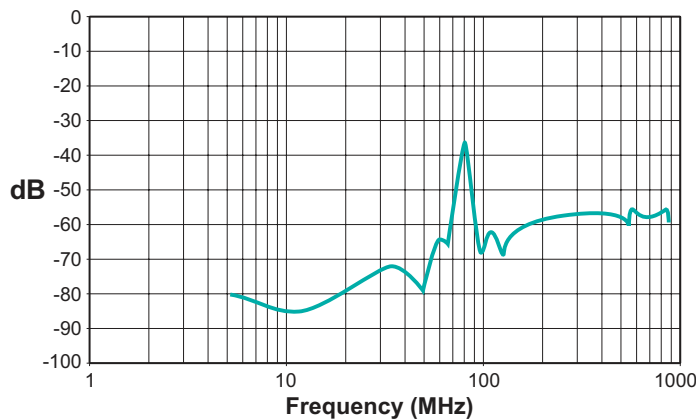
Low Pass Insertion Loss



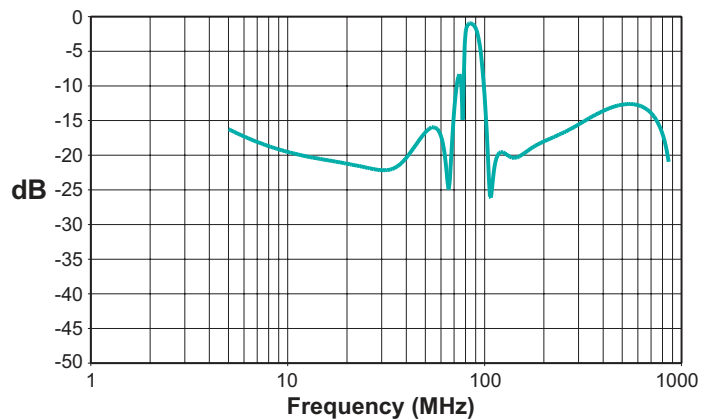
High Pass Insertion Loss



Crossover Isolation



Return Loss



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

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