



**P/N:FS7583 LF DATE SHEET**

**Feature**



- Designed to meet ATM 25.6 PHY specifications including low frequency cutoff.
- Supports STP 150Ω or UTP 100Ω transmission cable
- Lead free for external pins.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

**Electrical Specifications @ 25°C**

Part Number	Insertion Loss(dB)					Return Loss(dB Min)	
	12 KHz	4 MHz	16 MHz	24 MHz	36 MHz	1-17MHz	17-25MHz
FS7583 LF	-3.0 Max	-0.6 Max	-1.0 Max	-1.8 Max	-10 Min	-16	-9.0

**Continue**

Part Number	Cross talk(dB Min)			Comm-Comm Rejection(dB Min)			HI-POT Vrms
	5 MHz	16 MHz	24 MHz	5 MHz	20 MHz	200 MHz	
FS7583 LF	-50	-50	-46	-20	-25	-20	600

**Schematic**

**Mechanical**

