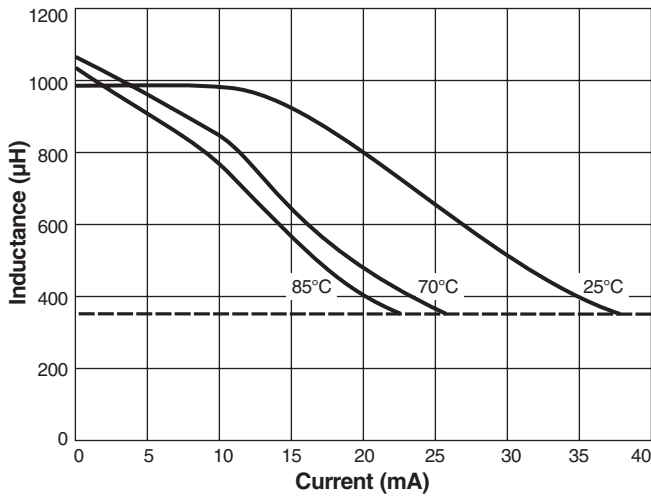


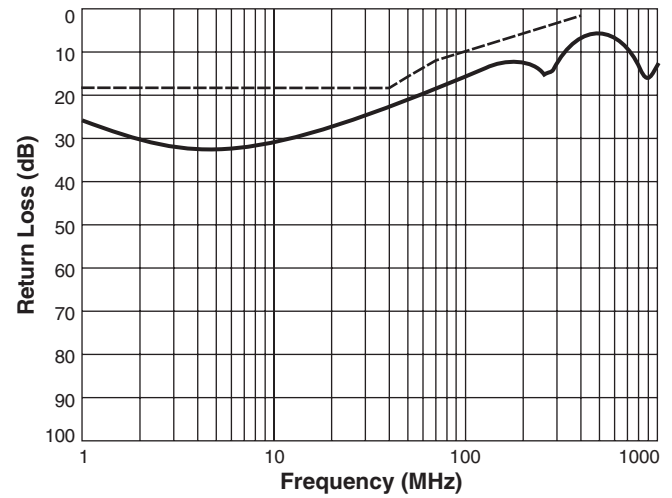


“PoE Plus” Magnetics

L vs Offset Current

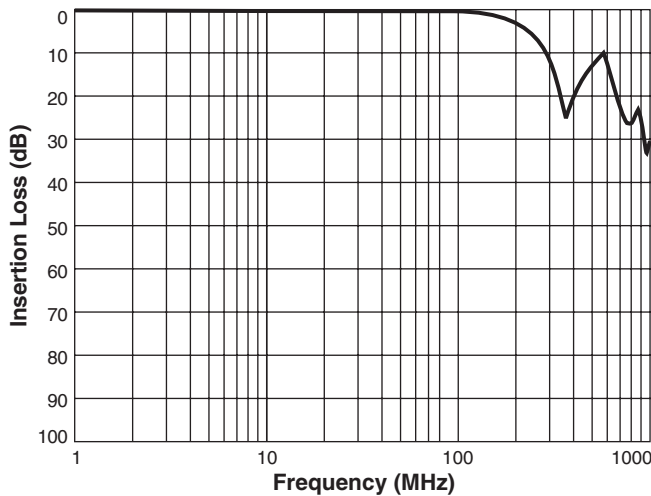


Return Loss



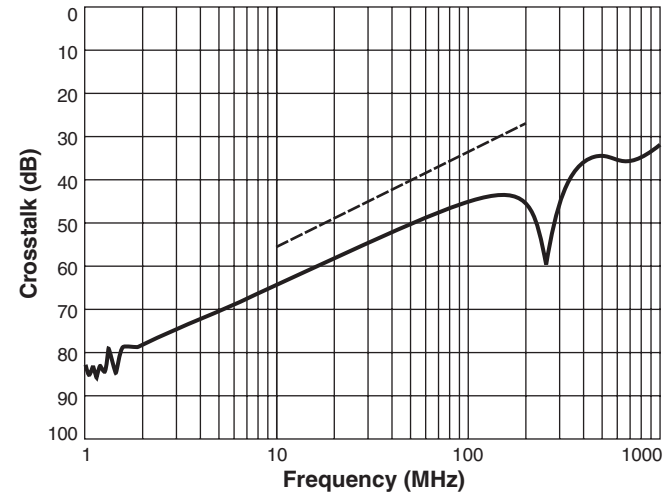
802.3af specification:
 18 dB min from 1 MHz to 40 MHz
 16 dB min at 50 MHz
 12 dB min at 80 MHz
 10 dB min at 100 MHz

Insertion Loss



802.3af specification:
 1.0 min dB from 0.1 MHz to 100 MHz
 1.2 min dB at 125 MHz

Crosstalk



802.3af specification:
 45 dB min at 30 MHz
 40 dB min at 60 MHz
 33 dB min at 100 MHz



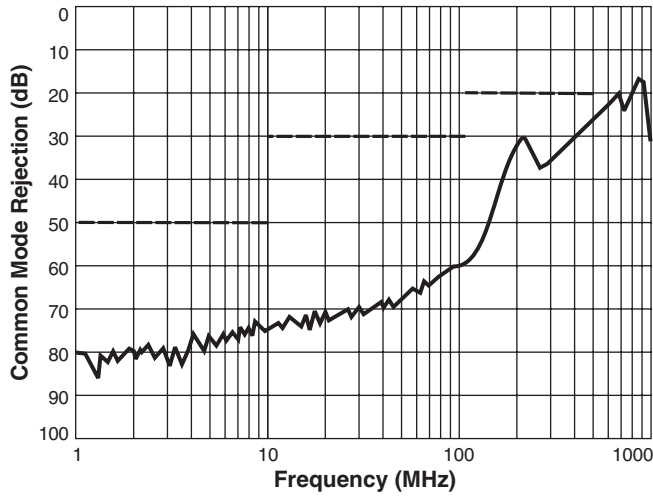
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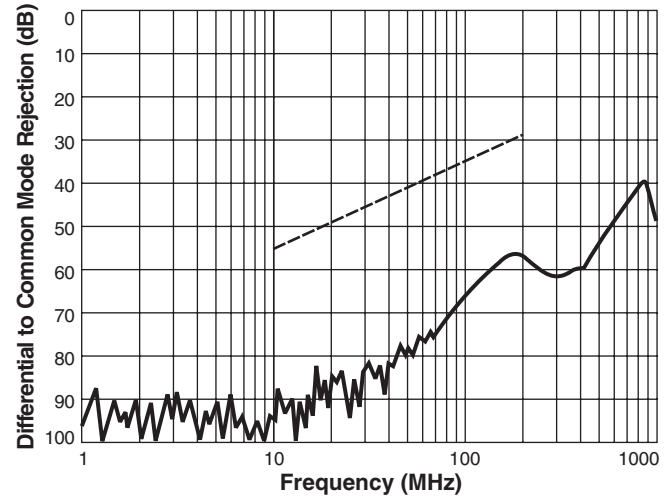
“PoE Plus” Magnetics

Common Mode Rejection



802.3af specification:
 50 dB min from 1 MHz to 10 MHz
 30 dB min from 10 MHz to 125 MHz
 20 dB min from 125 MHz to 500 MHz

Differential to Common Mode Rejection



802.3af specification:
 45 dB min at 30 MHz
 40 dB min at 60 MHz
 35 dB min at 100 MHz



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