



Tech Sheet May 2009

What is BER and Carrier to Noise Ratio

BER stands for BIT ERROR RATIO

Regarding channel BER (or bBER)

1e-02 brink of failure (1 error in 100)

1e-03 maybe ok most of time (1 error in 1000)

1e-04 good (1 error in 10000)

1e-05 very good (1 error in 100000)

1e-06 excellent (1 error in 1000000)

1e-07 most meters won't read any higher

Carrier to noise is measured in dB. Basically it's a power measurement of a signal against the signal noise floor. It's a measurement of signal strength.