EyeMax 3m 28 AWG Cable Assembly Vs IEEE P802-3ba Spec. Draft 2.0

Vittal Balasubramanian
Sr. Signal Integrity Engineer
FCI USA, Inc.

16-Apr-2009
Return Loss

![Return Loss Graph]

- **Return Loss [dB]**
- **Freq [GHz]**

- **Pair RX3**
- **RL Spec Line - 40GBASE-CR4**
Insertion Loss and ILD

**Insertion Loss**

**Insertion Loss Deviation**

- Pair RX3
- IL limits 40GBASE-CR4
ICR - Semilog Scale

Insertion loss to crosstalk ratio

- Pair RX3
- Least mean square line fit
- ICR limits 40GBASE-CR4

Actual Data passes requirements
Fit Line does not