

**IEEE Standard for
Information technology—**

**Telecommunications and information
exchange between systems—**

Specific requirements

**Part 3: Carrier Sense Multiple Access with
Collision Detection (CSMA/CD) Access
Method and Physical Layer Specifications**

**Corrigendum 2: IEEE Std 802.3an™-2006
10GBASE-T Correction**

Sponsor

LAN/MAN Standards Committee

of the

IEEE Computer Society

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55. Physical Coding Sublayer (PCS), Physical Medium Attachment (PMA) sublayer and baseband medium, type 10GBASE-T

55.8.2.2 MDI impedance balance

Replace Equation 55–55 as follows:

$$Z_{\text{bal}}(f) \geq \begin{cases} 48 & 1 \leq f < 30 \\ 44 - 19.2 \log_{10} \left(\frac{f}{50} \right) & 30 \leq f \leq 500 \end{cases} \quad (55-55)$$

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