(Corrigendum to IEEE Std 802.3-2005)

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.an™-2006 10GBASE-T Correction

Sponsor

LAN/MAN Standards Committee

of the

IEEE Computer Society

Copyright © 2007 by the Institute of Electrical and Electronics Engineers, Inc. All rights reserved. Published 2007. Printed in the United States of America.

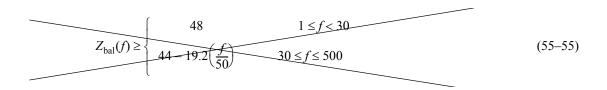
This correction sheet may be freely reproduced and distributed in order to maintain the utility and currency of the underlying Standard. This correction sheet may not be sold, licensed or otherwise distributed for any commercial purposes whatsoever. The content of this correction sheet may not be modified. This information has been incorporated into the second printing of IEEE Std 802.3an-2006.

17 August 2007 SH95703

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:



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

17 August 2007 SH95703