



ANSI/TIA/EIA-568-B.2-3-2002  
Approved: February 27, 2002

# TIA/EIA STANDARD

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## Commercial Building Telecommunications Cabling Standard

### Part 2: Balanced Twisted Pair Cabling Components

### Addendum 3 – Additional Considerations for Insertion Loss and Return Loss Pass/Fail Determination

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## TIA/EIA-568-B.2-3

(Addendum No. 3 to TIA/EIA-568-B.2)

MARCH 2002

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ADDITIONAL CONSIDERATIONS  
FOR  
INSERTION LOSS AND RETURN LOSS PASS/FAIL DETERMINATION

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## 1 INTRODUCTION

The purpose of this addendum is to add clause I.2.5 to TIA/EIA-568-B.2. These revisions are identified in the following text with additions shown in bold italics and deletions shown as strikethrough.

## 2 CLAUSE REVISIONS

### ***I.2.5 Additional considerations for insertion loss and return loss pass/fail determination***

Due to accuracy considerations, ***measured insertion loss values less than 3 dB shall not be marked with an asterisk and shall not be used for pass/fail determination.*** ~~When~~ the measured insertion loss is less than 3 dB, ~~the~~ measured return loss shall not be used in determining a fail. Return loss values greater than 25 dB may be reported as ">25 dB".



