

NETCONNECT* Category 5 System Specification

1. SCOPE

1.1. Content

This specification covers performance, tests and quality requirements for components used in the NETCONNECT* warranted cabling systems. These components are used to conduct systems testing and consist of cabling, modular jacks, modular plugs, patch panels and patch cords. The system will be configured and tested in both long and short Channel and Link configurations shown in Figures 3 through 9.

1.2. Qualification

When tests are performed on the subject product line, procedures specified in Figure 1 shall be used. All inspections shall be performed using the applicable inspection plan(s) and product drawing(s). All cables, connectors, and connecting hardware comprising the system must first be qualified to the applicable 108 Series specification before being entered into this qualification.

1.3. Qualification Test Results

Successful qualification testing on the subject product line was completed on 04Aug99. The test file numbers for this testing is 501-369. This documentation is on file at and available from Engineering Practices and Standards (EPS).

2. APPLICABLE DOCUMENTS

The following documents form a part of this specification to the extent specified herein. Unless otherwise specified, the latest edition of the document applies. In the event of conflict between the requirements of this specification and the product drawing, the product drawing shall take precedence. In the event of conflict between the requirements of this specification and the referenced documents, this specification shall take precedence.

2.1. AMP Documents

- A. 102-2308: NETCONNECT Warranted Part Number Approval Procedure
- B. 114-44002: NETCONNECT 15 Year Warranty Program, Qualified Component Listing
- C. 501-369: Qualification Test Report
- D. 501-369-1: Qualification Test Report
- E. 501-369-2: Qualification Test Report
- F. 501-369-3: Qualification Test Report

2.2. Commercial Standards

- A. TIA/EIA-568-B.1, Apr 99: Commercial Building Telecommunications Cabling Standard
- B. TIA/EIA TSB67, Oct 95: Transmission Performance Specifications For Field Testing Of Unshielded Twisted Pair Cabling Systems
- C. TIA/EIA TSB75, Aug 96: Additional Horizontal Cabling Practices for Open Offices
- D. TIA/EIA TSB95, Aug 98: Additional Transmission Performance Guidelines for 100 ohm 4 Pair Category 5 Cabling