

**NETCONNECT* Category 5 System Test Cable, AMP*
FUTURELAN*, Plenum UTP****1. INTRODUCTION****1.1. Purpose**

Testing was performed on the AMP* Category (CAT) 5 system with AMP manufactured FUTURELAN* plenum UTP cable to determine its conformance to AMP Product Specification 108-1675 Rev. O. Meeting all of the requirements of this specification allows acceptance of a product into the AMP Warranty program.

1.2. Scope

This report covers the electrical performance of the AMP CAT 5 system with AMP manufactured FUTURELAN plenum UTP cable made by the Precision Cable Division, Cable Systems Group. The testing was performed between January 27, 1996 to March 24, 1996.

1.3. Conclusion

The AMP CAT 5 system with AMP manufactured FUTURELAN plenum UTP cable listed in paragraph 1.5. met the electrical performance requirements of AMP Product Specification 108-1675 Rev. O.

1.4. Product Description

The AMP CAT 5 system test matrix is defined in paragraph 2.

1.5. Test Samples

Testing has been completed on three AMP CAT 5 systems with AMP manufactured FUTURELAN 100 ohm, UTP, plenum, 4 pair, 24 AWG cable as part of the CAT 5 system.

Test Group	Manufacturer	Part Number	Type	Lot #	Color	Lab ID#
1,2,3	AMP	57825 Rev. C	Plenum	96515 R-16-V	Blue	118
1,2,3	AMP	57825 Rev. B	Plenum	96482 R-39-K	White	119
1,2,3	AMP	57825 Rev. B	Plenum	96475 R-30-E	Grey	120

1.6. Qualification Test Sequence

Test or Examination	Test Group		
	1	2	3
Examination of Product	1,5	1,5	1,5
Attenuation	2	2	2
Near End Crosstalk	3	3	3
Attenuation Crosstalk Ratio (ACR)	4	4	4

The numbers indicate sequence in which tests were performed.