

EIA SPECIFICATION

Cable For LAN Twisted Pair
Data Communications – Detail
Specification For Type 1, Plenum Cable

NQ-EIA/IS-43AD

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ELECTRONIC INDUSTRIES ASSOCIATION
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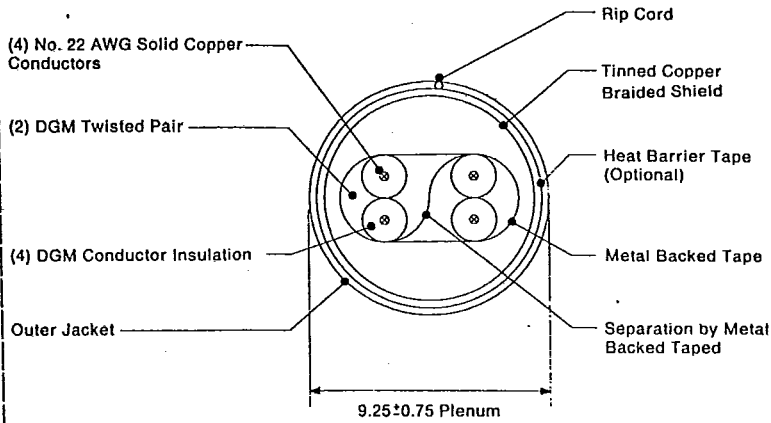
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System Standard Organization Electronic Industries Association	Detail Specification Number NQ-EIA/IS-43AD
Omnibus Specification Number: EIA/IS-43 Electronic Components of assessed quality in accordance with:	Blank Detail Specification: None
Outline Drawing: Cross Section  Type 1 Plenum	Product Description Exchange Cable for use With Data Processing Equipment Type 1 Plenum Cable Two Insulated Data Grade Media (DGM) Copper Conductor Pairs in a Single Fluorocarbon Jacket
	Electrical Circuit
	Typical Construction
	Application/Assessment Level Assessment Level: C Performance Grade: IEEE 802.5

Information on the availability of components
qualified to this specification is given in
the Qualified Products List.

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1.0 SCOPE AND OBJECTIVE

1.1 SCOPE

This Detail Specification defines Type 1 Plenum cable used with the Token Ring LAN Cabling System. Type 1 P consists of 2 twisted pairs of Data Grade Media (DGM) shielded with aluminum tape and braided shields, all cabled into a single fluorocarbon jacketed assembly. The Cabling System is intended to be compatible with IEEE Standard 802.5. It is designed to be used as a total building wiring system. The Cabling System may be used as the communications medium for a Token Ring Network as well as for other data equipment.

1.2 OBJECTIVE

The objective of the Detail Specification is to provide a document describing Type 1 P cable as a basis for certification under the NECQ system and for acquisition of conforming cable.

2.0 GENERAL DATA

2.1 GENERAL

Cable provided under this Detail Specification shall conform to all general and specific requirements applicable to Type 1 P cable in Omnibus Specification EIA/IS-43, Exchange Cable for Use with Data Processing Equipment, and those requirements specified herein.

2.2 ORDERING INFORMATION

Orders for cable covered by this Detail Specification shall include the following information:

1. Identification of cable type
2. Length required
3. Special requirements of reel size or type
4. Other unique requirements not covered in this specification

