

EIA SPECIFICATION

NQ-EIA/IS-43AH

Cable For LAN Twisted Pair
Data Communications – Detail
Specification For Type 8,
Undercarpet Cable

NQ-EIA/IS-43AH

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ELECTRONIC INDUSTRIES ASSOCIATION
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Omnibus Specification Number: EIA/IS-43 Electronic Components of assessed quality in accordance with:	Blank Detail Specification: None
Outline Drawing: Cross Section	Product Description Exchange Cable for use With Data Processing Equipment Type 8 Undercarpet Cable Two Parallel Insulated Data Grade Media (DGM) Copper Conductor Pairs in a Single Flat PVC Jacketed Cable
	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.

DETAIL SPECIFICATION FOR TYPE 8 UNDERCARPET CABLE

NQ-EIA/IS-43AH

CONTENTS

1.0	Scope and Objective	1
1.1	Scope	1
1.2	Objective	1
2.0	General Data	1
2.1	General	1
2.2	Ordering Information	1
3.0	Safety Requirements	2
3.1	U.L. Safety Requirements	2
3.2	F.C.C Requirements	2
4.0	Specific Cable Requirements	2
4.1	Configuration	2
4.1.1	Conductors	2
4.1.2	Shields	2
4.1.3	Fillers	3
4.1.4	Rip Cord	3
4.1.5	Jacket	3
4.2	Electrical Specifications	3
4.2.1	Crosstalk	3
4.2.2	Impedance	4
4.2.3	Attenuation	4
4.2.4	DC Resistance of Conductors	4
4.2.5	High Voltage Breakdown	5
4.2.6	Compatibility With Other Parts	5
4.3	Cable Mechanical Specifications	5
4.3.1	Mechanical Tests	5
4.3.2	Bend Radius for Undercarpet Cable	5
4.3.3	Compressive Loading (Undercarpet Cable Only)	6
4.4	Chemical Resistance	6
4.4.1	Carpet Cleaning Agents	6
4.4.2	Steam Exposure	7
4.4.3	Concrete Exposure	7
4.4.4	Abrasion Resistance	7
4.5	Inspection Requirements	8

1.0 SCOPE AND OBJECTIVE

1.1 SCOPE

This Detail Specification defines Type 8 Undercarpet cable used with the Token Ring LAN Cabling System. Type 8 cable consists of 2 parallel pairs of data grade wires shielded with copper foil, all cabled into a single, flat, PVC assembly with tapered flanges on each side to reduce visibility when installed under carpet. 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 8 UC 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 8 UC 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