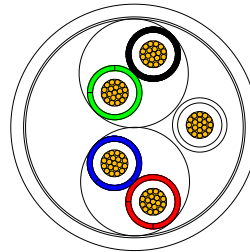


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Product Type:
M22759/32 Composite
Nylon Jacket



Drawing Number
DN-50003

- 1.0 CONDUCTOR** 22AWG 19/34 Tin Coated Copper - .029” Nom.
- 2.0 INSULATION** Irradiation Cross-linked Ethylene Tetrafluoroethylene .006” Wall Diameter: .042” ± .002”
- 3.0 PAIR** Two (2) of the above twisted together with a 1” lay
- 4.0 CABLE** Two (2) Pairs and One (1) Single cabled with a 3” lay
- 5.0 BINDER** Mylar tape – 25% Nom. lap
- 6.0 JACKET** Extruded Nylon (White) - .007” Nom. Wall
- 5.0 DIAMETER** .175” ± .010” (4.45 mm ± .25 mm)

7.0 IDENTIFICATION

Conductor 1: White printed **RSCC AEROSPACE & DEFENSE DN-50003**

Pair 1 – Conductor 1: Blue*

Conductor 2: Red*

Pair 2 – Conductor 1: Black*

Conductor 2: Green*

*For short manufacturing lots components may be white with stripes vs. solid colors

Customer:	Drawn By: L Roper	Approved By: K Coderre	Revision: 0	Date: 12-07-11
Changes	Made By:	Approved By:	Revision:	Date:

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Drawing Number

DN-50003

6.0 TESTING

COMPONENTS

9.1	Conductor Resistance	16.2 Ohms/1000 ft Max. @ 20°C
9.2	Insulation Wall	.0045" Min. - .006" Nom.
9.3	Insulation Resistance	5,000 Meg-Ohms Min.
9.4	Cross-link proof test	300°C 7 hrs – No dielectric failure
9.5	Blocking	150°C
9.6	Flammability	No Failure
9.7	Low Temperature Bend	-55°C
9.8	Tensile	3500 psi Min.
9.9	Elongation	100% Min.

CABLE

9.10	Jacket material	Nylon
9.11	Jacket tensile	2500 psi Min.
9.12	Jacket elongation	50% Min.
9.13	Print Durability	125 cycles

Customer:	Drawn By: L Roper	Approved By: K Coderre	Revision: 0	Date: 12-07-11
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