



PRODUCT DATA SHEET

94 Eagle Fork Rd Hayesville, NC 28904
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Part Number: 9961

Description: Composite Cable 22/1 Pair RS-485 shielded+18/2 Pairs, 18/2C, 18/4C, 16/4C Plenum jacket

Suitable Application: Plenum-Rated, Card Access Control Systems

Characteristics Component 1:

Number of Conductors 2 (One pair)
 Conductor Material 22 AWG 7-strand Bare Copper
 Insulation Material Foamed FEP
 Insulation Thickness 0.019"
 Color Code (White, Yellow)
 Shielding Tape Material (100%) Aluminum / Mylar (22 AWG Pair)
 Drain Wire Material 24 AWG 7-STR tinned copper
 Secondary Conductors 18 AWG 7-STR Bare Copper
 Insulation on Secondary CDRS Low-Smoke Copolymer
 Number of Secondary CDRS 4 (Two Pairs)
 Secondary CDRS Color Code (Black, Red); (Blue, Brown)
 Jacket Material Low-Smoke Copolymer
 Jacket Color Orange
 Jacket Thickness 0.015"
 Nominal Diameter over Jkt. 0.276"

Characteristics Component 2:

Number of Conductors 2
 Conductor Material 18 AWG 7-strand Bare Copper
 Insulation Material Low-Smoke Copolymer
 Insulation Thickness 0.009"
 Color Code (Black, Red)
 Final Jacket Material Low-Smoke Copolymer
 Final Jacket Color White
 Final Jacket Thickness 0.015"
 Nominal Diameter over Jkt. 0.163"

Component 1 Print Legend:

READER CABLE 18/2PR + 22/1PR SHIELDED 75C E179334 (UL) CL3P OR C(UL)US CMP FT6 ROHS COMPLIANT MADE IN USA

Component 2 Print Legend:

CONTACTS 18/2C 75C E179334 (UL) CL3P OR C(UL)US CMP FT6 ROHS COMPLIANT MADE IN USA

Characteristics Component 3:

Number of Conductors 4
 Conductor Material 18 AWG 7-strand Bare Copper
 Insulation Material Low-Smoke Copolymer
 Insulation Thickness 0.009"
 Color Code (Black, Red, White, Green)
 Jacket Material Low-Smoke Copolymer
 Jacket Color Blue
 Jacket Thickness 0.015"
 Nominal Diameter over Jkt. 0.188"

Characteristics Component 4:

Number of Conductors 4
 Conductor Material 16 AWG 19-strand Bare Copper
 Insulation Material Low-Smoke Copolymer
 Insulation Thickness 0.009"
 Color Code (Black, Red, White, Green)
 Jacket Material Low-Smoke Copolymer
 Jacket Color Gray
 Jacket Thickness 0.015"
 Nominal Diameter over Jkt. 0.214"

Component 3 Print Legend:

REX/POWER 18/4C 75C E179334 (UL) CL3P OR C(UL)US CMP FT6 ROHS COMPLIANT MADE IN USA

Component 4 Print Legend:

LOCK POWER 16/4C 75C E179334 (UL) CL3P OR C(UL)US CMP FT6 ROHS COMPLIANT MADE IN USA

Overall Cable Properties	
Final Jacket Material	Low-Smoke Copolymer
Jacket Color	Yellow
Jacket Thickness	0.025"
Nominal Diameter	0.570"

**OVERALL JACKET INKJET PRINT:
ACCESS CONTROL CABLE 75C E179334 (UL) CL3P OR C(UL)US CMP FT6 ROHS COMPLIANT MADE IN USA**

Sequential Foot Markings.

Applicable Standards

Conductors:	ASTM B-3, B-8
Temp. Rating:	-4C to +75C
Voltage Rating	300 V

c(UL)us / UL types	CMP, CL3P
ROHS Compliant	Yes

Customer Approval Signature: _____ Date Signed: _____

Customer Name: _____ Specification Issue Date: 03/01/2023