



PRODUCT DATA SHEET

94 Eagle Fork Rd Hayesville, NC 28904
 Ph: 800.343.2579 Fax: 828.389.3922

Part Number:	81602SD
Description:	16 AWG Solid Bare Copper 2 Conductor, Shielded, Riser Rated
Suitable Application(s):	Fire Alarm Cable

Construction Details:

Total Number of Conductors	2
Conductor Material	16 AWG Solid Bare Copper
Insulation Material	Polyvinyl Chloride
Insulation Thickness	0.010"
Conductor Insulation Color	Black, Red
Nominal Diameter over Insulation	0.071"
Cabling Overall Lay Length	3.50" Left Hand Lay
Shielding Tape Material	Aluminum / Mylar
Drain Wire Material	24 AWG Solid Tinned Copper
Final Jacket Material	Polyvinyl Chloride
Final Jacket Thickness	0.015"
Final Jacket Color	Red (Other Colors Available)
Nominal Diameter over Final Jacket	0.177"
Ripcord	Yes

Print Details:

Type: Inkjet
 Sequential Foot Markings: Yes

Sample Print Legend:

16 AWG 2C RISER FIRE ALARM CABLE SHIELDED (UL) TYPE CL3R OR FPLR OR c(UL)us TYPE CMR E179335

Applicable Standards and Ratings	
Voltage Rating	300 Volts
Temperature Rating	-25°C to +75°C
UL Type(s)	UL 13 (CL3R), UL 1424 (FPLR)
c(UL)us Type(s)	UL 444 (CMR)
ROHS Compliant	Yes
Nominal Capacitance	65 pF/ft
Max CDR DC Resistance @ 20 °C	4.10 Ω/1000 ft.

Customer Approval Signature: _____

Date: _____

Customer Name: _____

Specification Issue Date: 1/28/2013; Rev. 08/16/2022