



## 1975

18/2 Solid Shielded NPLF  
Fire Alarm Signaling - Non Power Limited

### Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	2
• AWG Size	18
• Conductor Stranding	Solid
• Conductor Type	Bare Copper
• Nominal DCR	6.5 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	PVC Nylon
• Insulation Thi kness	.016: .005"
• Insulation Color Code	1. Black 2.Red
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil
• Drain Wire Type	Tinned Copper
• Drain Wire AWG	24 AWG
ELECTRICAL CHARACTERISTICS	-
• Nom. Cap. Between Conductors	52 pF/ft
• Nom. Cap. Conductor to Shield	94 pF/ft

### Overall Construction

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	PVC
Jacket Thi kness	0.037 in
Nominal Cable O.D.	0.244 in
Plenum	No
NEC UL Rating	NPLF
RoHS Compliant	Yes
Pull Tension	58 lbs
Bend Radius	1.875in
Cable Weight	28 lbs

### Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
UL Flammability	NPLF NEC 700
Operating Range	-10 to 60 Deg C
UL Voltage Rating	150 VRMS