



**D975**

18/2 Shielded Low Capacitance FPLR Rated  
Addressable Fire Alarm SLC Circuits

**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	Polypropylene - PP
• Insulation Thickness	0.015 in
• 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	25 pF/ft
• Nom. Cap. Conductor to Shield	45 pF/ft

**Overall Construction**

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	PVC
Jacket Thickness	0.030 in
Nominal Cable O.D.	0.223 in
Plenum	No
NEC UL Rating	FPLR
RoHS Compliant	Yes
Pull Tension	43 lbs
Bend Radius	2.007 in
Cable Weight	27 lbs

**Overall Electrical & Optical Characteristics**

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
UL Flammability	UL1666 Vertical Shaft
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300



**D975**

18/2 Shielded Low Capacitance FPLR Rated  
Addressable Fire Alarm SLC Circuits

**Related Products**

RELATED PRODUCTS	-
Plenum Number	D60975