



**60990B**

16/2 Solid Shielded FPLP  
Fire Alarm Signaling

**Construction & Dimensions**

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	2
• AWG Size	16
• Conductor Stranding	Solid
• Conductor Type	Bare Copper
• Nominal DCR	4.1 Ohm/1000ft
• Cabling Lay Length	2 in
• Twists/Foot	6 twist/ft
INSULATION PARAMETER	-
• Insulation Type	Plenum PVC
• Insulation Thickness	0.008 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	77 pF/ft
• Nom. Cap. Conductor to Shield	139 pF/ft

**Overall Construction**

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	Flexible Plenum
Jacket Thickness	0.015 in
Nominal Cable O.D.	0.168 in
Plenum	Yes
NEC UL Rating	FPLP
RoHS Compliant	Yes
Pull Tension	76 lbs
Bend Radius	1.512 in
Cable Weight	29 lbs

**Overall Electrical & Optical Characteristics**

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 60 Deg C
UL Voltage Rating	300



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**Related Products**

RELATED PRODUCTS	-
Non Plenum Number	991
Aquaseal Number	AQC294
Aquaseal Direct Burial Number	AQ294