



999

12/2 Solid Shielded FPLR

Fire Alarm Signaling

Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	2
• AWG Size	12
• Conductor Stranding	Solid
• Conductor Type	Bare Copper
• Nominal DCR	1.8 Ohm/1000ft
• Cabling Lay Length	3.25 in
• Twists/Foot	3.7 twist/ft
INSULATION PARAMETER	-
• Insulation Type	Polypropylene - PP
• 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	44 pF/ft
• Nom. Cap. Conductor to Shield	77 pF/ft

Overall Construction

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	PVC
Jacket Thickness	0.017 in
Nominal Cable O.D.	0.248 in
Plenum	No
NEC UL Rating	FPLR
RoHS Compliant	Yes
Pull Tension	172 lbs
Bend Radius	2.232 in
Cable Weight	66 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

Detailed Specification & Technical Data



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Related Products

RELATED PRODUCTS	-
Plenum Number	60994B
Aquaseal Number	AQC296
Aquaseal Direct Burial Number	AQ296