



**3282**

18/9 Shielded CMR  
 Audio and Control

**Construction & Dimensions**

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	9
• AWG Size	18
• Conductor Stranding	7x26
• Conductor Type	Bare copper
• Nominal DCR	6.2 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Thermoplastic
• Insulation Thickness	0.008 in
• Insulation Color Code	1.Black,2.Red,3.White,4.Green,5. Brown,6.Blue,7.Orange,8.Yellow,9.Purple
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil
• Drain Wire Type	Tinned Copper
• Drain Wire AWG	24 AWG
ELECTRICAL CHARACTERISTICS	-
• Nom. Cap. Between Conductors	40 pF/ft
• Nom. Cap. Conductor to Shield	79 pF/ft

**Overall Construction**

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	PVC
Jacket Thickness	0.017 in
Nominal Cable O.D.	0.267 in
Plenum	No
NEC UL Rating	CMR, CMG
RoHS Compliant	Yes
Pull Tension	215 lbs
Bend Radius	2.403 in
Cable Weight	77 lbs

**Overall Electrical & Optical Characteristics**

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
UL Flammability	UL1666 Vertical Shaft
CSA Flammability	FT4
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300

## Detailed Specification & Technical Data



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