



## AQ294

16/2 Shielded Indoor/Outdoor Direct Burial CL3/FPL Rated  
 Audio, Control, Alarm Direct Burial

### Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	2
• AWG Size	16
• Conductor Stranding	7x24
• Conductor Type	Bare copper
• Nominal DCR	4.2 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	PVC-Nylon
• Insulation Thickness	0.02 in
• Insulation Color Code	1. Black 2.Red
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil
• Shield Type 2	Aquaseal Water Blocking Tape
• Drain Wire Type	Tinned Copper
• Drain Wire AWG	24 AWG
ELECTRICAL CHARACTERISTICS	-
• Nom. Cap. Between Conductors	37 pF/ft
• Nom. Cap. Conductor to Shield	67 pF/ft

### Overall Construction

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	UV Resistant PVC
Jacket Thickness	0.04 in
Nominal Cable O.D.	0.328 in
Plenum	No
NEC UL Rating	CL3, FPL, PLTC
RoHS Compliant	Yes
TIA Test	TIA455-82 Water Penetration Test
Pull Tension	69 lbs
Bend Radius	2.952 in
Cable Weight	58 lbs

### Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
UL Flammability	UL1685
Operating Range	-20 to 90 Deg C

## Detailed Specification & Technical Data



### **AQ294**

16/2 Shielded Indoor/Outdoor Direct Burial CL3/FPL Rated  
Audio, Control, Alarm Direct Burial

## Related Products

RELATED PRODUCTS	-
Plenum Number	25294B
Non Plenum Number	294
Aquaseal Number	AQC294
3 Pin XLR Male	CN-NC3MX
3 Pin XLR Female	CN-NC3FX
3.5mm Stereo Mini	CN-NYS231