

STERLING

WIRE & CABLE



SWC-5076

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



CONSTRUCTION & DIMENSIONS

CONDUCTOR PARAMETERS	
Number of Conductors	2
AWG Size	16
Conductor Stranding	7/24
Conductor Type	Bare Copper
Nominal DCR	4.2 Ohm/1000ft
INSULATION PARAMETERS	
Insulation Type	PVC-Nylon
Insulation Thickness	0.020"
Insulation Color Code	Black/Red
SHIELDING PARAMETERS	
Shield Type	Overall 100% Aluminum Foil
Shield Type 2	Aquaseal Water Blocking Tape
Drain Wire	24 AWG, Tinned Copper
ELECTRICAL CHARACTERISTICS	
Nominal Capacitance Between Conductors	37 pF/ft
Nominal Capacitance Conductor to Shield	67 pF/ft

OVERALL CONSTRUCTION

OVERALL CONSTRUCTION PARAMETERS	
Jacket Type	UV Resistant PVC
Jacket Thickness	0.040"
Nominal Cable O.D.	0.328"
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"
Cable Weight	58 lbs
OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
UL Flammability	UL1685
Operating Range	-20° to 90°C