



2 Core, 18 AWG, BC, UTP, CMR - Security and Sound Cable



Technical Specifications

Product Overview

Environmental Space	Indoor - Riser
Suitable Applications	Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

Conductor			
AWG	Stranding	Material	No. of Conductors
18	7x26	BC Bare Copper	2

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.158 in	0.017 in	Yes

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Colour Chart

Number	Colour
1	Black
2	Red

Outer Shield Material

Material
Unshielded

Temperature Range

UL Temp Rating:	75°C		
Operating Temp Range:	-20°C To +75°C		



Construction and Dimensions

Cabling Twists 3.4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR 6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor 21.5 pF/ft

Inductance

Nominal Inductance 0.145 μ H/ft

Current

Max. Recommended Current [A] Per conductor @ 25°C: 5 A

Voltage

UL Voltage Rating 300 V RMS

Mechanical Characteristics

Bulk Cable Weight 15 lbs. / 1000ft

Max Recommended Pulling Tension 45 lbs.

Min Bend Radius/Minor Axis 1.5 in

Ordering Information

Part No.	Description
AN2C-AV18GY-305MT	2 Core, 18 AWG, BC, UTP, CMR - Security and Sound Cable

