



Audio, Video, Security & Communication Cable 2C, 18 AWG, BC, UTP, CMR



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	Audio, Video, Security & Communication Cable 2C, 18 AWG, BC, UTP, CMR