

# Technical Data Sheet Communication Cables



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<b>PART NUMBER:</b>	<b>451</b>
<b>DESCRIPTION:</b>	22/3 Solid tinned copper conductors, shielded with an overall jacket.
<b>NEC RATING:</b>	CMR, NEC Article 800
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor for: Intercom, Security, Sound, Audio, Background Music, and Power Limited Control Circuits.

## Construction Parameters:

Conductor	22 AWG Tinned Copper
Stranding	Solid
Insulation Material	Polypropylene
Insulation Thickness	0.006" Nom.
Number of Conductors	3
Shield	100% Aluminum Polyester Foil
Drain	Solid Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.020" Nom.
Overall Cable Diameter	0.130" Nom.
Approximate Cable Weight	15 Lbs/1M' Nom.
Flame Rating	UL 1685 Vertical Tray

## Electrical & Environmental Properties:

Temperature Rating	--
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	34 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	67 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	17.5 Ohms/1M' Nom.
Insulation Colors	Black, Red, White
Jacket Color	Black
RoHS Compliant	Yes

## Mechanical Properties:

Max. Recommended Pull Tension	35 Lbs.
Min. Bend Radius (Install)	1.3"



Specification Issue Date: 7/14

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Standard Lengths are 1000ft.  
The Jacket is sequentially footmarked.  
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