

# Technical Data Sheet Communication Cables



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<b>PART NUMBER:</b>	<b>3245</b>
<b>DESCRIPTION:</b>	16/4 Stranded bare 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.

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## Construction Parameters:

Conductor	16 AWG Bare Copper
Stranding	19x29
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors	4
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.235" Nom.
Approximate Cable Weight	50.5 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

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## Electrical & Environmental Properties:

Temperature Rating	-20°C To +60°C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	80 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	144 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	4.2 Ohms/1M' Nom.
Insulation Colors	Black, Red, White, Green
Jacket Color	Gray
RoHS Compliant	Yes

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## Mechanical Properties:

Max. Recommended Pull Tension	146.3 lbs.
Min. Bend Radius (Install)	2.2"

Specification Issue Date: 7/06

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