

# Technical Data Sheet Communication Cables



2833 West Chestnut Street  
Washington, PA 15301  
Toll Free: (800) 245-4964  
Fax: (724) 222-6420  
www.westpenn-wpw.com

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<b>PART NUMBER:</b>	<b>281</b>
<b>DESCRIPTION:</b>	18/7 Stranded bare copper conductors, unshielded 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	18 AWG Bare Copper
Stranding	7x26
Insulation Material	Polypropylene
Insulation Thickness	0.008" Nom.
Number of Conductors	7
Shield	None
Drain	None
Jacket Material	PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.225" Nom.
Approximate Cable Weight	23.3 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	21.5 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.2 Ohms/1M' Nom.
Insulation Colors	Black, Red, White, Green, Brown, Blue, Orange
Jacket Color	Gray
RoHS Compliant	Yes

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## Mechanical Properties:

Max. Recommended Pull Tension	67.2 lbs.
Min. Bend Radius (Install)	1.7"

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Specification Issue Date: 7/14

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