

Technical Data Sheet Communication Cables



WEST PENN WIRE

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PART NUMBER:	287
DESCRIPTION:	18/30 Stranded bare copper conductors, unshielded with an overall jacket
NEC RATING:	CMR, NEC Article 800
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: Intercom, Security, Sound, Audio, Background Music, and Power Limited Control Circuits.

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	7x26
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors	30
Shield	None
Drain	None
Jacket Material	PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.464" Nom.
Approximate Cable Weight	216 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

Electrical & Environmental Properties:

Temperature Rating	-20°C To +60°C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	30 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.2 Ohms/1M' Nom.
Insulation Colors	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray, Pink, Tan, White/Black, White/Red, White/Green, White/Orange, White/Blue, White/Brown, White/Yellow, White/Purple, White/Gray, Black/Red, Black/Green, Black/Yellow, Black/Blue, Black/Brown, Black/Orange, Black/Gray, Black, Purple, Red/Green
Jacket Color	Gray
RoHS Compliant	--

Mechanical Properties:

Max. Recommended Pull Tension	630 Lbs.
Min. Bend Radius (Install)	4.6"

Specification Issue Date: 7/06

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