

Technical Data Sheet Communication Cables

WEST PENN WIRE



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PART NUMBER:	294
DESCRIPTION:	16/2 Stranded bare copper conductors, shielded 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	16 AWG Bare Copper
Stranding	19x29
Insulation Material	PVC
Insulation Thickness	0.009" Nom.
Number of Conductors	2 (1 Pair)
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.186" Nom.
Approximate Cable Weight	30.1 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	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
Jacket Color	Gray
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	85.5 lbs.
Min. Bend Radius (Install)	1.9"



Specification Issue Date: 7/06

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