

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

PART NUMBER:	301
DESCRIPTION:	22/3 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:	Communications Cable for Riser

Construction Parameters:

Conductor	22 AWG Bare Copper
Stranding	7x30
Insulation Material	Polypropylene
Insulation Thickness	0.007" Nom.
Number of Conductors	3
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.138" Nom.
Approximate Cable Weight	13.7 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	34 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	67 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	17 Ohms/1M' Nom.
Insulation Colors	Black, Red, White
Jacket Color	Gray
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	46 lbs.
Min. Bend Radius (Install)	1.4"



Specification Issue Date: 7/14

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