

Technical Data Sheet

Fire Alarm Cables- Circuit Integrity- CIC

WEST PENN WIRE



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

PART NUMBER:	5120FZ
DESCRIPTION:	14/2 Solid bare copper conductors, shielded with an overall jacket.
NEC RATING:	FPLR-CIC, NEC Article 760
APPROVALS:	(UL) or (ETL)us Listed
APPLICATION:	Indoor for (Circuit Integrity, Fire Alarm Circuit Integrity, Survivability)

Construction Parameters:

Conductor	14 AWG Bare Copper
Stranding	Solid
Insulation Material	Ceramifiable Silicon Rubber (CSR)
Insulation Thickness	0.035" Nom.
Number of Conductors	2
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	Flame Retardant Polyethylene
Jacket Thickness	0.056" Nom.
Overall Cable Diameter	0.38" Nom.
Approximate Cable Weight	81 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test, UL2196- 2 hr.Test in Conduit

Electrical & Environmental Properties:

Temperature Rating	-20deg C to 105deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	23 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	--
DC Resistance per Conductor @ 20deg C	2.5 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Red
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	136 lbs.
Min. Bend Radius (Install)	3.8"

Specification Issue Date: 2/07

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