



Technical Data Sheet- Fire Alarm 14 AWG 2 Cond. Shielded Plenum Cable

PART NUMBER:	FPLP142S-XXX (Last three digits denote jacket/conductor color scheme)
DESCRIPTION:	14 AWG/1 PAIR, Solid bare copper conductors, shielded, with an overall plenum jacket.
NEC RATING:	Article 760
APPROVALS:	ETL listed or (ETL)us Listed for guaranteed performance.
APPLICATION:	Fire protective signaling circuits. Smoke detectors, voice communications, audio control and initiating circuits. Pull Boxes and burglar alarms.
JACKET PRINT:	14 AWG 2C SHIELDED PLENUM FIRE ALARM CABLE (ETL)us TYPE FPLP 4010346 MADE IN USA [JULIAN DATE/YR] [LOT#] [XXXX FT]

Construction Parameters:

Conductor	14 AWG Bare Copper
Stranding	Solid
Number of Conductors	2
Insulation	FR-PVC 0.012" in. wall (0.031 mm)
Rip cord	Polyester Rip Cord
Shield	Aluminum/Mylar
Drain	24 AWG Solid Tinned Copper
Jacket Material	FR-PVC 0.015 in. wall thickness (0.381 mm)
Overall Cable Diameter	0.205" Nom. (5.21 mm)
Nominal Cable Weight	43 Lbs./1Mft
Flame Rating	NFPA 262 Steiner Tunnel Smoke and Flame Test

Electrical & Environmental Properties:

Operating Temperature Rating	-20°C To +60°C
Operating Voltage Rating	300 V RMS
Standards	NEC Article 760, UL Subject 1424, Type FPLP.
Code & Listings	(ETL) US
Insulation Colors	Standard- Black & Red. (More colors available upon request.)
Jacket Color	Standard- Red. (More colors available upon request.)

Jacket Color

Last 3 digits

002	Blue
008	Red
010	Yellow



This document is property of TCI. The information and contained herein is considered Proprietary and not to be reproduced by any means without written consent of TCI. The information presented herein, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise



Electrical Specifications:

DC Resistance per Conductor @ 20°C

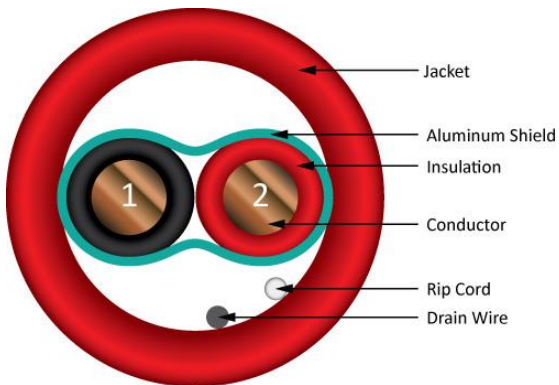
2.526 Ohms/1000 ft. Nom.

Mechanical Properties:

Mechanical Properties Standard
Flame Test
RoHS Compliant

UL 1424
NFPA 262
Yes

The Jacket is sequentially foot marked.
Standard Put-ups are 500 ft. or 1000ft. on a wooden spool
This cable does not comply with NYC LL5 (Local Law 5)



This document is property of TCI. The information and contained herein is considered Proprietary and not to be reproduced by any means without written consent of TCI. The information presented herein, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise