



Southwire[®]
WE DELIVER POWER... RESPONSIBLY[®]

PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: G50013

Pg. 1 of 2

DESCRIPTION: 2/C 16 AWG SHIELDED FIRE PROTECTIVE SIGNALING
POWER LIMITED CIRCUIT CABLE 75C 300V PLENUM RATED

CONSTRUCTION: 16 AWG SOLID BARE COPPER 2 CONDUCTORS TWISTED

INSULATION: LS-PVC

COLOR CODE: BLACK, RED

SHIELD/DRAIN: ALUMINUM/POLYESTER FOIL (OUT); 24AWG 7 STRAND TC DRAIN

ASSEMBLY: 2 CONDUCTORS TWISTED, SHIELDED AND JACKETED

JACKET: LS-PVC (.014" Nom Wall) SEE PAGE 2 FOR COLORS

DIAMETER: 0.176" Nominal

CABLE WT: 28 Lbs/1000 Ft Approx (Net Weight)

PRINT LEGEND: 16 AWG 2/C E75610 C(UL)US CMP/CL3P/FPLP 75C -- CMP FT6 MADE IN USA
ROHS-2 COMPLIANT -- XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

FOOTAGE MARKS: FOOTMARK IN ASCENDING ORDER.

RIPCORD: YES MARKER TAPE: NO

NEC: FPLP/CMP/CL3P
FOR RISER RATED VERSION GO TO SPEC. NO. F50010

COMPLIANCE: UL 1424 FPLP by (UL) / NEC ARTICLE 760 / CSA C22.2 by c(UL) / RoHS

FLAME TEST: NFPA 262 (UL 910) / CSA FT6

CAPACITANCE: 53 pF/Ft Nominal

VEL OF PROP: 55%

IMPEDANCE: 35 OHMS

RESISTANCE: 4.016 OHMS D.C. PER 1000 Ft @ 68 DEG. F Maximum

TEMP/VOLTAGE: 75C / 300V

MISC: MADE IN USA

Complies with EU Dir. 2011/65/EU (RoHS-2).

The customer will accept all factory lengths and +/- 10 percent of total order requested.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Southwire's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Southwire or confer any rights on any customer. The sale of product(s) is conditional upon acceptance of a purchase order subject to Southwire's standard terms and conditions contained therein, including without limitation Southwire's standard warranty. Southwire disclaims all liability in connection with the use of information contained herein or otherwise.

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Pg. 2 of 2

**DESCRIPTION: 2/C 16 AWG SHIELDED FIRE PROTECTIVE SIGNALING
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COLORS and PACKAGES

MINIMUM ORDER MAY APPLY

Part Number	Jacket Color	Pkg Type	Pkg Length
G50013-1H	RED	R-I-B	1000
G50013-1A	RED	REEL	1000
G50013-1B	RED	PULL-BOX	1000
G50013-3A	DK BLUE	REEL	1000
G50013-13A	WHITE	REEL	1000
G50013-14A	GREEN	REEL	1000
G50013-15A	BLUE	REEL	1000
G50013-16A	ORANGE	REEL	1000
G50013-25A	YELLOW	REEL	1000
G50013-45A	BLACK	REEL	1000
G50013-60A	BROWN	REEL	1000

Part Number	Jacket Color	Pkg Type	Pkg Length
G50013-6H	RED / YELLOW STRIPE	R-I-B	1000
G50013-12A	RED / WHITE STRIPE	REEL	1000
G50013-49A	RED / BLUE STRIPE	REEL	1000
G50013-67H	RED / GREEN STRIPE	R-I-B	1000
G50013-67A	RED / GREEN STRIPE	REEL	1000

Specification Issue Date: 7/5/17	Rev Level: 1	ERF:	ECN:	Designed by:
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