

CSA FAS/LVT



Fire Alarm Signaling / Low Voltage Thermostat

CSA Fire Alarm Signaling (FAS) Cable. Unshielded - Red Jacket and Brown Jacket.
Rated -20°C to 105°C (FAS.) Rated -20°C to 60°C (LVT.) Solid Bare Copper conductor.

APPLICATIONS

Southwire[®] FAS/LVT is suitable for the following installations:

- For connecting Fire Alarm Signaling devices within a fire protective signaling system.
- Low Voltage Thermostat in HVAC Systems
- Where FAS 105 cable is specified (300V)
- Where LVT 60 cable is specified (30V).

STANDARDS & REFERENCES

- Listed to CSA C22.2, No. 208
- File listing LL90458
- Flame Tests: CSA FT4

FEATURES

- Rated for temperature range of -20C to 105C (FAS) or -20°C to 60°C (LVT)
- High grade PVC flame retardant insulation and jacket materials have excellent color definition and workability.
- Ripcord under jacket for jobsite ease of use.

CONSTRUCTION

Southwire[®] FAS/LVT is manufactured with solid bare copper conductor and color coded PVC insulation. Conductors are twisted unless noted. A rugged flame retardant flexible PVC jacket is extruded over the cable core. A ripcord is included under the jacket for jobsite jacket strip-back. Colors and packaging indicated in the tables are the most popular and others may be available.

PRINT LEGEND (Typical)

SOUTHWIRE LL90458 F CSA FAS 105°C 300V FT4 2/C 18 AWG (0.824mm²) CSA LVT 60°C 30V FT4

**FAS/LVT: Solid Bare Copper, Unshielded, FT4**

AWG	No. of Cond.	Red Base Part Number	Red Color Code	Brown Base Part Number	Brown Color Code	Insulation Thickness	Jacket Wall Thickness (Inches)	Nominal Diameter (Inches)	Nominal Weight (Lbs/Mft)	Capacitance pF/ft
18	2 flat	557659	A	557658	B	0.033	0.032	.162 x .218	19.3	29.8
	3	557622	A	557621	B	0.033	0.032	.232	26.7	25.4
	4	557624	A	557623	B	0.033	0.035	.251	33.3	25.4
	5	557626	A	557625	C	0.035	0.035	.272	39.6	25.4
	6	557628	A	557627	C	0.035	0.035	.295	47.6	25.4
	8	557657	A	557630	C	0.035	0.035	.318	60.5	25.4
16	3	579934	A			0.035	0.035	.242	36.1	28.0
	5	580726	A			0.035	0.035	.289	54.0	28.0

All dimensions are nominal and subject to normal manufacturing tolerances

Color Code A: Black, Red, Green, Blue, Brown, Orange, Black/White, Red/White

Color Code B: Black, White, Red, Green

Color Code C: Black, White, Red, Blue, Orange, Yellow, Green, Brown

PUT-UPS

Key to Put-Ups:

- Available in 75M, 150M, and 300M Spools. Add two digit suffix from below to the six digit base.
- Consult your distributor. Minimum order quantities, lead time, premium pricing may be required.

Code	Spool (Meters)	Spool (Feet)	18 AWG Part No.s	16 AWG Part No.s
75	75	246	75	03
15	150	492	15	01
30	300	984	30	02

ADDITIONAL CONSIDERATIONS

- Store indoors, in a dry climate controlled location maintained above 0C.
- If stored below 0C, bring to above 0C for 24 hours prior to working cables.
- Maintain project conditions above 0C and normal humidity during installation.
- Never apply paint over cable. Field application of paint on cable invalidates the material flame retardant properties, flame test listings, and any smoke-generation listings inherent in the material.


Common Items:

Part Number	Construction	Color Code	Jacket Color	Packaging
55765975	FAS 18/2 Sol BC Flat	Bk,Rd	Red	246Sp (75M)
55765915	FAS 18/2 Sol BC Flat	Bk Rd	Red	429Sp (150M)
55765930	FAS 18/2 Sol BC Flat	Bk,Rd	Red	984Sp (300M)
55762275	FAS 18/3 Sol BC Twst	Bk,Rd,Gn	Red	246Sp (75M)
55762215	FAS 18/3 Sol BC Twst	Bk,Rd,Gn	Red	429Sp (150M)
55762230	FAS 18/3 Sol BC Twst	Bk,Rd,Gn	Red	984Sp (300M)
55762475	FAS 18/4 Sol BC Twst	Bk,Rd,Gn,Be	Red	246Sp (75M)
55762415	FAS 18/4 Sol BC Twst	Bk,Rd,Gn,Be	Red	429Sp (150M)
55762430	FAS 18/4 Sol BC Twst	Bk,Rd,Gn,Be	Red	984Sp (300M)
55762675	FAS 18/5 Sol BC Twst	Bk,Rd,Gn,Be,Bn	Red	246Sp (75M)
55762615	FAS 18/5 Sol BC Twst	Bk,Rd,Gn,Be,Bn	Red	429Sp (150M)
55762630	FAS 18/5 Sol BC Twst	Bk,Rd,Gn,Be,Bn	Red	984Sp (300M)
55762875	FAS 18/6 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe	Red	246Sp (75M)
55762815	FAS 18/6 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe	Red	429Sp (150M)
55762830	FAS 18/6 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe	Red	984Sp (300M)
55765775	FAS 18/8 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe, Bk/We, Rd/We	Red	246Sp (75M)
55765730	FAS 18/8 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe, Bk/We, Rd/We	Red	984Sp (300M)
57993402	FAS 16/3 Sol BC Twst	Bk,Rd,Gn	Red	984Sp (300M)
58072602	FAS 16/5 Sol BC Twst	Bk,Rd,Gn,Be,Bn	Red	984Sp (300M)
55765875	FAS 18/2 Sol BC Flat	Bk,We	Brown	246Sp (75M)
55765815	FAS 18/2 Sol BC Flat	Bk,We	Brown	429Sp (150M)
55765830	FAS 18/2 Sol BC Flat	Bk,We	Brown	984Sp (300M)
55762175	FAS 18/3 Sol BC Twst	Bk,We,Rd	Brown	246Sp (75M)
55762115	FAS 18/3 Sol BC Twst	Bk,We,Rd	Brown	429Sp (150M)
55762375	FAS 18/4 Sol BC Twst	Bk,We,Rd,Gn	Brown	246Sp (75M)
55762575	FAS 18/5 Sol BC Flat	Bk,We,Rd,Be,Oe	Brown	246Sp (75M)
55762515	FAS 18/5 Sol BC Flat	Bk,We,Rd,Be,Oe	Brown	429Sp (150M)
55762775	FAS 18/6 Sol BC Flat	Bk,We,Rd,Be,Oe,Yw	Brown	246Sp (75M)
55763015	FAS 18/8 Sol BC Flat	Bk,We,Rd,Be,Oe,Yw,Gn,Bn	Brown	246Sp (75M)

CSA FAS/LVT



Fire Alarm Signaling / Low Voltage Thermostat

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55762430	FAS 18/4 Sol BC Twst	Bk,Rd,Gn,Be	Red	984Sp (300M)
55762675	FAS 18/5 Sol BC Twst	Bk,Rd,Gn,Be,Bn	Red	246Sp (75M)
55762615	FAS 18/5 Sol BC Twst	Bk,Rd,Gn,Be,Bn	Red	429Sp (150M)
55762630	FAS 18/5 Sol BC Twst	Bk,Rd,Gn,Be,Bn	Red	984Sp (300M)
55762875	FAS 18/6 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe	Red	246Sp (75M)
55762815	FAS 18/6 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe	Red	429Sp (150M)
55762830	FAS 18/6 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe	Red	984Sp (300M)
55765775	FAS 18/8 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe, Bk/We, Rd/We	Red	246Sp (75M)
55765730	FAS 18/8 Sol BC Twst	Bk,Rd,Gn,Be,Bn,Oe, Bk/We, Rd/We	Red	984Sp (300M)
57993402	FAS 16/3 Sol BC Twst	Bk,Rd,Gn	Red	984Sp (300M)
58072602	FAS 16/5 Sol BC Twst	Bk,Rd,Gn,Be,Bn	Red	984Sp (300M)
55765875	FAS 18/2 Sol BC Flat	Bk,We	Brown	246Sp (75M)
55765815	FAS 18/2 Sol BC Flat	Bk,We	Brown	429Sp (150M)
55765830	FAS 18/2 Sol BC Flat	Bk,We	Brown	984Sp (300M)
55762175	FAS 18/3 Sol BC Twst	Bk,We,Rd	Brown	246Sp (75M)
55762115	FAS 18/3 Sol BC Twst	Bk,We,Rd	Brown	429Sp (150M)
55762375	FAS 18/4 Sol BC Twst	Bk,We,Rd,Gn	Brown	246Sp (75M)
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