

FPLP - FIRE ALARM CABLE STANDARD -- Plenum Rated -- Bare Copper -- LS-PVC (Shielded)



APPLICATIONS

Fire protective signaling circuits. Also for smoke detectors, voice communications, audio control and initiating circuits. Article 760 of the NEC. May be used in plenum spaces.

CONSTRUCTION

- A.) CONDUCTOR Solid Bare Copper (Table 341SP) or Stranded Bare Copper (Table 342SP)
- B.) INSULATION LS-PVC
- C.) COLOR CODE Black, Red, Green, Yellow.
- D.) SHIELDING Aluminum-Mylar tape shield, and tinned copper drain wire. (Tables 341SP and 342SP.)
- E.) ASSEMBLY Cabled with ripcord, and jacketed.
- F.) JACKET LS-PVC

COMPLIANCE

- A.) SPECIFICATION UL 1424
- B.) CABLE TYPE FPLP (NEC / UL)
- C.) FLAME TEST NFPA 262 (Formerly: UL 910 Steiner Tunnel Test)
- D.) VOLTAGE 300V
- E.) TEMPERATURE 75C
- F.) SUITABLE USE: Fire protective signaling circuits, smoke detectors, audio, control, and initiating circuits.
- G.) QA (UL) Listed / (UL) FPLP

FEATURES & OPTIONS:

Available in 1000ft or 500 ft packages, reels, or pull-boxes where practicable.
 Optional: other colors, jackets with extruded stripes, and composite cables for multiple services, jacketed, or armored as permitted.

Solid BC

341SP

TAPPAN SPEC #	SW PART NUMBER	DESCRIPTION	Cable Type	AWG	#/C	STR/SOL	BC/TD	SHIELD	NOM. DIA. (In.)	WEIGHT Lbs/Mft	JACKET COLOR	UL/NEC
G40006.1	575614	18/2C SOL BC SHLD FPLP	FPLP	18	2	SOL	BC	SHLD	0.145	19	Red	FPLP
G40504.1	577931	18/4C SOL BC SHLD FPLP		18	4				0.183	33		
G50013.1	575618	16/2C SOL BC SHLD FPLP		16	2				0.170	27		
G50369.1	575623	16/4C SOL BC SHLD FPLP		16	4				0.199	47		
G60025.1	575625	14/2C SOL BC SHLD FPLP		14	2				0.204	39		
G60346.1	575627	14/4C SOL BC SHLD FPLP		14	4				0.241	70		
G70019.1	576446	12/2C SOL BC SHLD FPLP		12	2				0.246	58		

Stranded BC

342SP

TAPPAN SPEC #	SW PART NUMBER	DESCRIPTION	Cable Type	AWG	#/C	STR/SOL	BC/TD	SHIELD	NOM. DIA. (In.)	WEIGHT Lbs/Mft	JACKET COLOR	UL/NEC
G40178.1	580145	18/2C STR BC SHLD FPLP	FPLP	18	2	STR	BC	SHLD	0.154	20	Red	FPLP
G50360.1	579072	16/2C STR BC SHLD FPLP		16	2				0.178	28		
G60337.1	580144	14/2C STR BC SHLD FPLP		14	2				0.220	41		
G70093.1		12/2C STR BC SHLD FPLP		12	2				0.264	61		