

FPLR - FIRE ALARM CABLE STANDARD -- Riser Rated -- Bare Copper -- PVC (Unshielded)



APPLICATIONS

Fire protective signaling circuits. Also for smoke detectors, voice communications, audio control and initiating circuits. Article 760 of the NEC.

CONSTRUCTION

- A.) CONDUCTOR Solid Bare Copper (Table 341UR) or Stranded Bare Copper (Table 342UR)
- B.) INSULATION PVC
- C.) COLOR CODE Black, Red, Green, Yellow. (4C 18AWG Stranded is Black, Red, White, Green)
- D.) SHIELDING Table 341UR and 342UR are for unshielded cables.
- E.) ASSEMBLY Cabled with ripcord, and jacketed.
- F.) JACKET PVC

COMPLIANCE

- A.) SPECIFICATION UL 1424
- B.) CABLE TYPE FPLR (NEC / UL)
- C.) FLAME TEST UL 1666; FT4
- 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) FPLR

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

341UR

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
F40021.1	575593	18/2C SOL BC N/S FPLR	FPLR	18	2	SOL	BC	N/S	0.147	16	Red	FPLR
F40568.1	575590	18/4C SOL BC N/S FPLR		18	4				0.185	29		
F50004.1	575599	16/2C SOL BC N/S FPLR		16	2				0.180	24		
F50383.1	575601	16/4C SOL BC N/S FPLR		16	4				0.201	43		
F60001.1	575603	14/2C SOL BC N/S FPLR		14	2				0.206	35		
F60355.1	575608	14/4C SOL BC N/S FPLR		14	4				0.243	66		
F70004.1	575609	12/2C SOL BC N/S FPLR		12	2				0.248	54		

Stranded BC

342UR

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
F40142.1	581271	18/2C STR BC N/S FPLR	FPLR	18	2	STR	BC	N/S	0.156	17	Red	FPLR
F40144.1	585359	18/4C STR BC N/S FPLR		18	4				0.185	32		
F50289.2	580033	16/2C STR BC N/S FPLR		16	2				0.180	25		
F60340.1	580132	14/2C STR BC N/S FPLR		14	2				0.222	37		
F70092.1	577926	12/2C STR BC N/S FPLR		12	2				0.266	59		

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



APPLICATIONS

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

CONSTRUCTION

- A.) CONDUCTOR Solid Bare Copper (Table 341UP) or Stranded Bare Copper (Table 342UP)
- B.) INSULATION LS-PVC
- C.) COLOR CODE Black, Red, Green, Yellow.
- D.) SHIELDING Table 341UP and 342UP are for unshielded cables.
- 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

341UP

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
G40005.1	575610	18/2C SOL BC N/S FPLP	FPLP	18	2	SOL	BC	N/S	0.145	17	Red	FPLP
G40505.1	575615	18/4C SOL BC N/S FPLP		18	4				0.183	30		
G50032.1	575619	16/2C SOL BC N/S FPLP		16	2				0.170	24		
G50370.1	575622	16/4C SOL BC N/S FPLP		16	4				0.199	44		
G60004.1	575624	14/2C SOL BC N/S FPLP		14	2				0.204	36		
G60347.1	575626	14/4C SOL BC N/S FPLP		14	4				0.241	68		
G70009.1	575628	12/2C SOL BC N/S FPLP		12	2				0.246	55		

Stranded BC

342UP

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
G40172.1	577983	18/2C STR BC N/S FPLP	FPLP	18	2	STR	BC	N/S	0.154	18	Red	FPLP
G50359.1	578910	16/2C STR BC N/S FPLP		16	2				0.178	26		
G60210.1	577204	14/2C STR BC N/S FPLP		14	2				0.220	38		

FPLR - FIRE ALARM CABLE STANDARD -- Riser Rated -- Bare Copper -- PVC (Shielded)



APPLICATIONS

Fire protective signaling circuits. Also for smoke detectors, voice communications, audio control and initiating circuits. Article 760 of the NEC.

CONSTRUCTION

- A.) CONDUCTOR Solid Bare Copper (Table 341SR) or Stranded Bare Copper (Table 342SR)
- B.) INSULATION PVC
- C.) COLOR CODE Black, Red, Green, Yellow. (4C 18AWG Stranded is Black, Red, White, Green)
- D.) SHIELDING Aluminum-Mylar tape shield, and tinned copper drain wire. (Tables 341SR and 342SR.)
- E.) ASSEMBLY Cabled with ripcord, and jacketed.
- F.) JACKET PVC

COMPLIANCE

- A.) SPECIFICATION UL 1424
- B.) CABLE TYPE FPLR (NEC / UL)
- C.) FLAME TEST UL 1666; FT4
- 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) FPLR

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

341SR

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
F40151.1	575591	18/2C SOL BC SHLD FPLR	FPLR	18	2	SOL	BC	SHLD	0.147	18	Red	FPLR
F40567.1	575596	18/4C SOL BC SHLD FPLR		18	4				0.185	32		
F50010.1	575600	16/2C SOL BC SHLD FPLR		16	2				0.180	26		
F50382.1	575602	16/4C SOL BC SHLD FPLR		16	4				0.201	45		
F60030.1	575606	14/2C SOL BC SHLD FPLR		14	2				0.206	38		
F60354.1	575607	14/4C SOL BC SHLD FPLR		14	4				0.253	71		
F70015.1	575611	12/2C SOL BC SHLD FPLR		12	2				0.248	56		

Stranded BC

342SR

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
F40370.7	580143	18/2C STR BC SHLD FPLR	FPLR	18	2	STR	BC	SHLD	0.156	19	Red	FPLR
F40150.1		18/4C STR BC SHLD FPLR		18	4				0.192	36		
F50375.1	581270	16/2C STR BC SHLD FPLR		16	2				0.180	27		
F60341.1	580140	14/2C STR BC SHLD FPLR		14	2				0.222	40		
F70095.1		12/2C STR BC SHLD FPLR		12	2				0.266	62		

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		