

CIRCUIT DEFENDER™ 2 COND FACI OFHC N/S FPLR/CMR or FAS

300V, 90°C, 2 Conductor, Unshielded, UL Certified and listed Two-Hour Fire Resistive Fire Alarm Power Limited Cables

CONSTRUCTION:

- | | |
|------------------|--|
| 1. Conductors: | 18 AWG , 16 AWG , 14 AWG Oxygen-free solid bare copper (OFHC) conductors |
| 2. tape: | Mica |
| 3. Insulation: | Silicone Rubber, Color : BLACK, RED |
| 4. Shield/Drain: | Unshielded |
| 5. Jacket: | PVC, Color: RED |

**APPLICATIONS AND FEATURES:**

Circuit Defender™ cables have been qualified and listed to the demanding requirements of UL 2196 and CAN/ULC-S139 Test for Fire Resistive Cables, and are UL listed Types FPLR/CMR and CSA Certified FAS. Circuit Defender™ Cables meet various industry code requirements (NFPA 70, NFPA 101, NFPA 130, and NFPA 502) for Fire Resistance according to UL 2196 when selected and installed per applicable codes including federal, state, and local and municipal rules, laws and regulations.

SPECIFICATIONS:

- UL1424 Listed FPLR
- UL 444 Listed CMR
- CSA C22.2 No.208 FAS
- UL 2196 and CAN/ULC-S139, UL Electrical Circuit Integrity System #44 (FHIT/7 44)
- NFPA 70, NFPA 101, NFPA 130, and NFPA 502
- UL Listed File #E75610 & #E118871
- CSA Certified LL90458
- Directive (EU) 2015/863 – RoHS 3

SAMPLE PRINT LEGEND:

SOUTHWIRE Circuit Defender™ E75610 2/C # AWG FPLR/CMR/ 90C/ R26267 FRR 2-HR (FHIT/7 44) <UL logo> 2196 & <ULC logo> S139 MAX 72V --- CSA LL90458 FAS/300V

PACKAGING

Standard Length: 5000 FT Reel

TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	Cond. Size (AWG)	No. of Cond.	No. of Strands	Insulation Thickness (Inch)	Insulation Thickness (mm)	Jacket Thickness (Inch)	Jacket Thickness (mm)	Nominal OD (Inch)	Nominal OD (mm)	Weight (Lb)	Package Put-up
SC4001-2Q	18	2	Solid	0.030	0.762	0.025	0.635	0.338	8.585	41.64	5000 FT
SC5001-2Q	16	2	Solid	0.030	0.762	0.025	0.635	0.364	9.246	56.00	5000 FT
SC6001-2Q	14	2	Solid	0.030	0.762	0.025	0.635	0.388	9.855	68.10	5000 FT
SC4001-2F	18	2	Solid	0.030	0.762	0.025	0.635	0.338	8.585	41.64	Random
SC5001-2F	16	2	Solid	0.030	0.762	0.025	0.635	0.364	9.246	56.00	Random
SC6001-2F	14	2	Solid	0.030	0.762	0.025	0.635	0.388	9.855	68.10	Random

All dimensions are nominal and subject to nominal manufacturing tolerances

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

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