



59-535C-xxx 59-5363C-xxx Cable Assemblies for 105F1-1 Paragon Flame Scanner

Description

Fireeye offers the 59-535C and 59-536C cables pre-wired with the female quick disconnects for use with the Paragon flame scanners. The 59-535C cable is a twelve (12) conductor cable and the 59-536C is an eight (8) conductor cable.

See bulletin CU-108 for detailed scanner wiring connections.

| Pre-Wired connections for the 59-535C and 59-536C cables | |
|---|----------------------|
| Cable Colors | |
| RED | POWER (+) 24VDC |
| BLACK | POWER (-) 24VDC |
| RED/YELLOW | 4-20ma INPUT (+) |
| RED/BLACK | 4-20ma INPUT (-) |
| BLUE | 4-20ma OUTPUT2 (+) |
| TAN | 4-20ma OUTPUT2 (-) |
| VIOLET | 4-20ma OUTPUT1 (+) |
| GRAY | 4-20ma OUTPUT1 (-) |
| RED/GREEN | FILE SELECT 1 |
| YELLOW | FILE SELECT 2 |
| BROWN | RS-485 COMM A |
| ORANGE | RS-485 COMM B |
| BLACK | FLAME RELAY (COM) |
| YELLOW | FLAME RELAY (N.O) |
| RED | FLAME RELAY (N.C) |
| BROWN | FLAME TEMP SET POINT |
| WHITE | FLAME TEMP SET POINT |
| ORANGE | FAULT |
| BLUE | FAULT |

59-535

59-536

Future Use

Flame Temperature

Flame Signal

59-535 Large Diameter Cable, terminals 1-12

59-536 Small Diameter Cable, terminals 14-20



ORDERING INFORMATION

Each of the pre-wired cable assemblies are available in 17 lengths from 10 to 300 feet.
See table below for part numbers.

| PARAGON SCANNER PRE-WIRED CABLE VERSIONS | |
|--|--|
| <i>Note: One of each 59-535C and 59-536C are required to connect the scanner</i> | |
| Part Number | Description |
| 59-535C-010 | Twelve conductor prefabricated cable complete with terminated plug connectors, 10 feet long |
| 59-535C-020 | Twelve conductor prefabricated cable complete with terminated plug connectors, 20 feet long |
| 59-535C-030 | Twelve conductor prefabricated cable complete with terminated plug connectors, 30 feet long |
| 59-535C-040 | Twelve conductor prefabricated cable complete with terminated plug connectors, 40 feet long |
| 59-535C-050 | Twelve conductor prefabricated cable complete with terminated plug connectors, 50 feet long |
| 59-535C-060 | Twelve conductor prefabricated cable complete with terminated plug connectors, 60 feet long |
| 59-535C-070 | Twelve conductor prefabricated cable complete with terminated plug connectors, 70 feet long |
| 59-535C-080 | Twelve conductor prefabricated cable complete with terminated plug connectors, 80 feet long |
| 59-535C-090 | Twelve conductor prefabricated cable complete with terminated plug connectors, 90 feet long |
| 59-535C-100 | Twelve conductor prefabricated cable complete with terminated plug connectors, 100 feet long |
| 59-535C-120 | Twelve conductor prefabricated cable complete with terminated plug connectors, 120 feet long |
| 59-535C-140 | Twelve conductor prefabricated cable complete with terminated plug connectors, 140 feet long |
| 59-535C-160 | Twelve conductor prefabricated cable complete with terminated plug connectors, 160 feet long |
| 59-535C-180 | Twelve conductor prefabricated cable complete with terminated plug connectors, 180 feet long |
| 59-535C-200 | Twelve conductor prefabricated cable complete with terminated plug connectors, 200 feet long |
| 59-535C-250 | Twelve conductor prefabricated cable complete with terminated plug connectors, 250 feet long |
| 59-535C-300 | Twelve conductor prefabricated cable complete with terminated plug connectors, 300 feet long |
| 59-536C-010 | Eight conductor prefabricated cable complete with terminated plug connectors, 10 feet long |
| 59-536C-020 | Eight conductor prefabricated cable complete with terminated plug connectors, 20 feet long |
| 59-536C-030 | Eight conductor prefabricated cable complete with terminated plug connectors, 30 feet long |
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| 59-536C-180 | Eight conductor prefabricated cable complete with terminated plug connectors, 180 feet long |
| 59-536C-200 | Eight conductor prefabricated cable complete with terminated plug connectors, 200 feet long |
| 59-536C-250 | Eight conductor prefabricated cable complete with terminated plug connectors, 250 feet long |
| 59-536C-300 | Eight conductor prefabricated cable complete with terminated plug connectors, 300 feet long |



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