

# 59-470-XXX and 59-471-XXX PRE-WIRED SCANNER CABLE

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## DESCRIPTION

Fireye offers the 59-470 and 59-471 scanner cables pre-wired with the female quick disconnect for use with the 45RM4, 45FS1, and 45UVFS1 flame scanners. Cables are available in varying lengths up to 200 feet (See Ordering information)

The 59-470 is a six (6) conductor cable that should be used for most applications of the 45RM4, 45FS1, and 45UVFS1 scanners. The 59-471 is an eight (8) conductor cable that is used for remote communications of the 45FS1 and 45UVFS1 scanners when the distance from the scanner to the amplifier is less than 200 feet.

Following are the wiring connections for the cables:

### Female Quick Disconnect

Pin #	59-470	59-471	Function
1	Black	Black	+24 VDC
2	Red	Red	Shutter
3	Green	Green	Flame Signal
<u>4</u>	White	White	Common
5	Blue	Blue	Remote File Select (RFS1)
7	Yellow	Yellow	Remote File Select (RFS2)
4	N/A	Brown	COMM A - RS485 Communication
6	N/A	Orange	COMM B - RS485 Communication

For wiring connections to the appropriate terminals at the flame amplifier, refer to bulletin CU-31 (45RM4), or bulletin CU-32 (45FS1 and 45UVFS1).

To reduce electrical noise interference, the scanner cable should be installed in rigid or flexible conduit. Take precautions to keep the scanner cable away from any high inductive wiring associated with high inductive loads or high voltage, high energy spark ignition systems.

A cord-grip strain relief fitting is factory installed on the female quick-disconnect. A flexible conduit fitting with thread adapter is also provided in an envelope with the cable assembly. If desired, the installer may remove the strain-relief fitting and install the flexible conduit fitting with thread adapter.

## ORDERING INFORMATION

P/N	DESCRIPTION
59-470-010	59-470 pre-wired scanner cable - 10 foot length.
59-470-020	59-470 pre-wired scanner cable - 20 foot length.
59-470-040	59-470 pre-wired scanner cable - 40 foot length.
59-470-050	59-470 pre-wired scanner cable - 50 foot length.
59-470-060	59-470 pre-wired scanner cable - 60 foot length.
59-470-080	59-470 pre-wired scanner cable - 80 foot length.
59-470-100	59-470 pre-wired scanner cable - 100 foot length.
59-470-120	59-470 pre-wired scanner cable - 120 foot length.
59-470-140	59-470 pre-wired scanner cable - 140 foot length.
59-470-160	59-470 pre-wired scanner cable - 160 foot length.
59-470-180	59-470 pre-wired scanner cable - 180 foot length.
59-470-200	59-470 pre-wired scanner cable - 200 foot length.
59-471-010	59-471 pre-wired scanner cable - 10 foot length.
59-471-020	59-471 pre-wired scanner cable - 20 foot length.
59-471-040	59-471 pre-wired scanner cable - 40 foot length.
59-471-050	59-471 pre-wired scanner cable - 50 foot length.
59-471-060	59-471 pre-wired scanner cable - 60 foot length.
59-471-080	59-471 pre-wired scanner cable - 80 foot length.
59-471-100	59-471 pre-wired scanner cable - 100 foot length.
59-471-120	59-471 pre-wired scanner cable - 120 foot length.
59-471-140	59-471 pre-wired scanner cable - 140 foot length.
59-471-160	59-471 pre-wired scanner cable - 160 foot length.
59-471-180	59-471 pre-wired scanner cable - 180 foot length.
59-471-200	59-471 pre-wired scanner cable - 200 foot length.

## NOTICE

When Fireeye products are combined with equipment manufactured by others and/or integrated into systems designed or manufactured by others, the Fireeye warranty, as stated in its General Terms and Conditions of Sale, pertains only to the Fireeye products and not to any other equipment or to the combined system or its overall performance.

## WARRANTIES

FIREYE guarantees for one year from the date of manufacture of its products to replace, or, at its option, to repair any product or part thereof (except lamps, electronic tubes and photocells) which is found defective in material or workmanship or which otherwise fails to conform to the description of the product on the face of its sales order. **THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES AND FIREYE MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED.** Except as specifically stated in these general terms and conditions of sale, remedies with respect to any product or part number manufactured or sold by Fireeye shall be limited exclusively to the right to replacement or repair as above provided. In no event shall Fireeye be liable for consequential or special damages of any nature which may arise in connection with such product or part.

