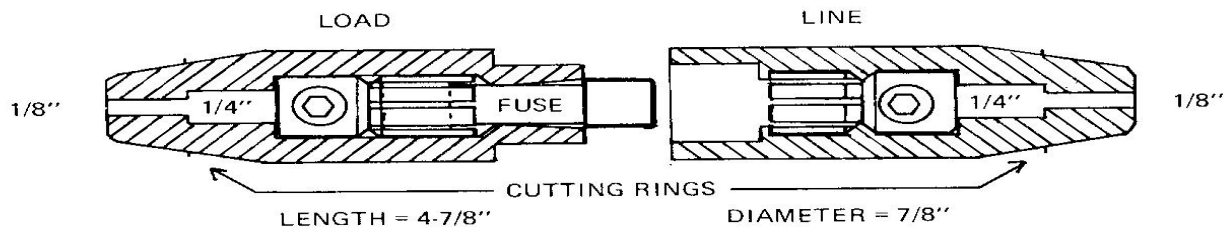


SEC Single-Fused Connector Kit

Model SEC 1791-SF

For Copper or Aluminum Stranded Wire

Fused, quick-disconnect type kit low-voltage copper or aluminum conductor cables. Recommended for street, highway, and flood lighting outdoor locations in either wet or dry areas. The Model SEC 1791-SF kits are designed to fit most conductors from number 12 to 4 stranded wire. Conductors are attached with simple screw lugs for easy, quick installation. Conductors can be removed and reinstalled. Any standard midget, ferrule-type fuse (except glass tube) may be used in this connector kit. Fuse dimensions are 13/32" diameter by 1-1/2" length. SEC fused connectors are designed for 600 volts or less. Maximum fuse rating for this unit is 30 AMP.



Listed
Single-Fused Connector Kit
9D70

Parts Lists

SEC 1791-SF	Single-Fused Kit Complete
SEC 1791-DS-3	Load Fuse Body
SEC 1791-DS-4	Load and Line Fuse Holder (2 per Kit)
SEC 1791-SF-6	Line Fuse Body

REQUIRED TORQUE INCH POUNDS

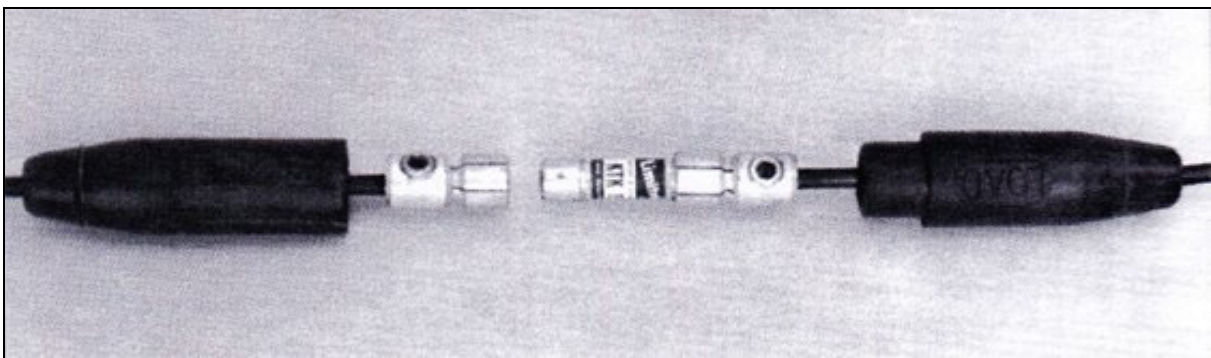
CAT NO.	WIRE SIZE	WIRE TYPE	WIRE DIA RANGE (IN)	CUTTING RANGE NO.	TORQUE (IN-LBS)
1791-DS-3	8	RHH, RHW-2, THW, TW, USE-2, XHHW	15/64	1	60
1791-DS-4	6	RHH, RHW-2, THHN, THW, THWN, USE-2, XHHW-2	19/64	1	60
1791-SF-6	4	THHN, THW, THWN	5/16	1	60
	4	RHH, RHW-2, USE-2, XHHW-2	23/64	2	60

ORDERING INSTRUCTIONS

The same fused connector kit will fit most conductor sizes from numbers 12 to 4 stranded or solid wire.

INSTALLING SEC SINGLE-FUSED CONNECTOR KIT

1. Select segment size a minimum of 5/64" smaller than outside dimensions of conductors to be installed. Cut segment to be used at cutting ring, if necessary, with sharp knife (see illustration for cutting ring dimensions).
2. Apply silicone lubricant on conductor and segment opening. Conductor must be clean and free of foreign materials.
3. Insert conductors through opening of segments approximately six inches beyond end of conductor kit.
4. Trim insulation from conductors the length of lug on fuse holder and attach to lug. Tighten lug assembly according to inch/pound chart.



5. Apply silicone lubricant to inside of segment around conductors.
6. Using dowel provided, push fuse holder and conductor back into connector body.
7. Install midget fuse and plug connector kit bodies together. SEC single-fused connector kits will provide a watertight connection that can be disconnected and reused.

