

FIBER OPTIC TERMINATION KIT

Kit Part No. 224-663

If you need a different length of cable than the standard lengths that are available, use this kit to terminate the cable to the length you need. The kit can be used to terminate four cables. Standard cables and cable lengths are listed in the chart below.

Cable Part No.	Cable Part No.	Cable Part No.	Standard Cable Length
224-690	224-680	224-670	6 ft (1.8 m)
224-691	224-681	224-671	15 ft (4.6 m)
224-692	224-682	224-672	25 ft (7.6 m)
224-693	224-683	224-673	36 ft (11.0 m)
224-694	224-684	224-674	50 ft (15.3 m)
224-695	224-685	224-675	75 ft (22.9 m)
224-696	224-686	224-676	100 ft (30.5 m)

INSTALLATION

1. Measure the fiber optic cable to the desired length, plus 6 additional inches (152 mm).
2. Strip the cable jacket back about 3 inches (76.2 mm) at each end of the cable. See Fig 1.
3. Apply the adhesive, supplied with the kit, to the ferrules on the cable ends. Allow the adhesive to set overnight for the best results.
4. After the adhesive is set, use a knife to cut off the excess fiber, down to the adhesive. See Fig 2.
5. Seat the fiber optic cable in the polishing fixture. Tighten the cable fittings to the fixture. See Fig 3.
6. Thread the polishing disk onto the polishing fixture. Position the polishing disc so that the cable end is flush with the spacer as shown in Fig 4. Tighten the set screw to secure the polishing disc in this position.
7. Remove the spacer.

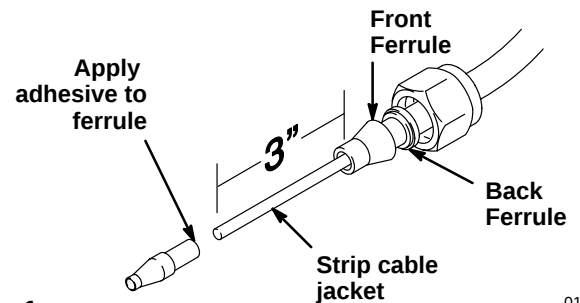


Fig 1 01013

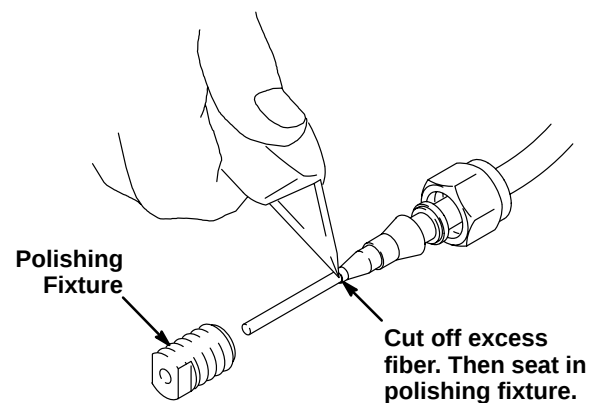


Fig 2 01014

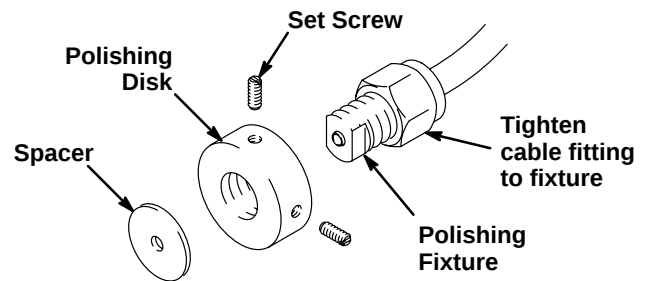


Fig 3 01015

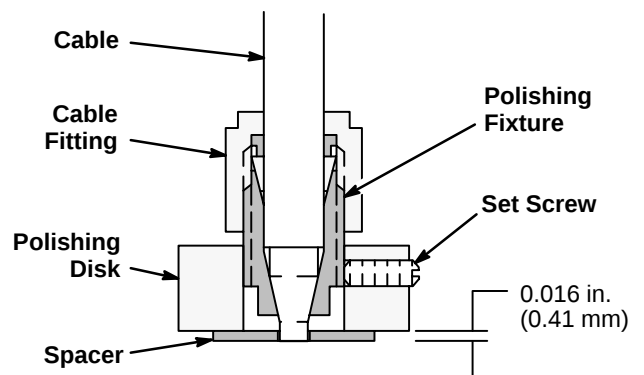


Fig 4 01016

INSTALLATION

8. Place the 15 micron, orange, polishing paper on a flat, smooth surface. Then, pressing down on the polishing fixture assembly, polish the fiber and the ferrule, using a figure eight pattern of strokes, as shown in Fig 5. Polish until the ferrule is flush with the bottom of the polishing disc.
9. Wipe the cable connector and polishing fixture assembly with a clean cloth or tissue.
10. Place the flush ferrule and polishing fixture assembly on the dull side of the 3 micron (*pink*) polishing paper. Continue to polish the fiber for approximately 25 strokes.
11. Repeat steps 9 and 10 with the 1 micron (*green*) polishing paper. The fiber optic cable should be flat, smooth, and clean when completely polished.

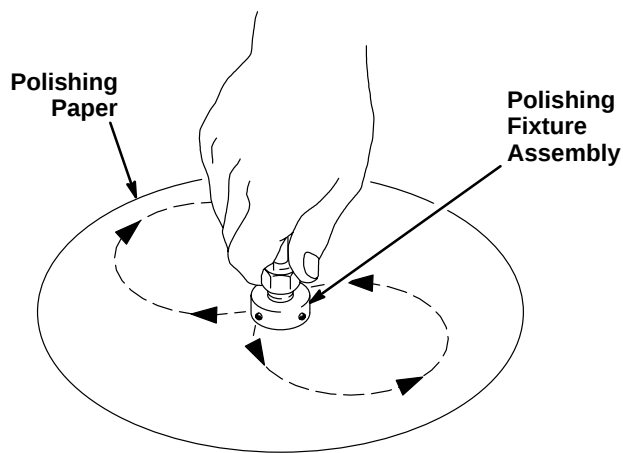


Fig 5 01017

PARTS LIST

REF NO.	PART NO.	DESCRIPTION	QTY
1	186-942	FERRULE, 64 strand	4
2	187-345	FIXTURE, polishing	1
3	187-548	SPACER, polishing fixture	1
4	111-496	SCREW, set, slotted, hdl's; #4-40 UNC x 5/16" long	2
5	111-497	DISC, polishing	1
6	111-284	NUT	1
7	111-285	FERRULE, back	1
8	111-286	FERRULE, front	1
9	111-537	POLISHING PAPER (<i>pink</i>); 3 micron	1
10	111-536	POLISHING PAPER (<i>orange</i>); 15 micron,	1
11	110-424	POLISHING PAPER (<i>green</i>); 1 micron	1
12	111-538	ADHESIVE	1

IMPORTANT PHONE NUMBERS

TO PLACE AN ORDER, contact your Graco distributor, or call Graco: **1-800-328-0211 Toll Free**

FOR TECHNICAL ASSISTANCE, service repair information or answers about the application of Graco equipment, call: **1-800-543-0339 Toll Free**

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