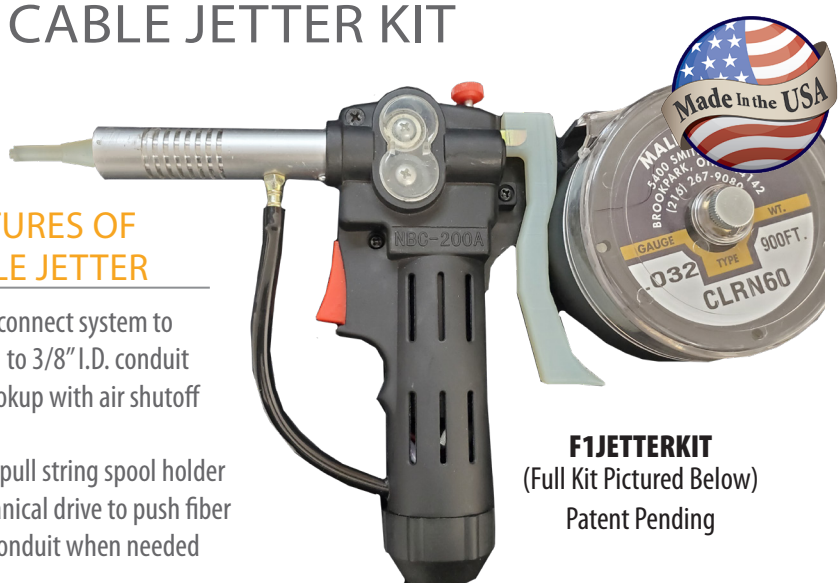
FIS CABLE JETTER KIT



F1JETTERKIT
(Full Kit Pictured Below)
Patent Pending

FEATURES OF CABLE JETTER

- Quick connect system to attach to 3/8" I.D. conduit
- Air hookup with air shutoff valve
- Nylon pull string spool holder
- Mechanical drive to push fiber thru conduit when needed

Microduct is an excellent way to physically protect fiber cable. Microduct also allows for the cable to be installed by air forcing or mechanically pushing the cable using the Cable Jetting equipment.

The Cable Jetter Kit is a complete kit enabling the user to air blow and mechanically push up to 3mm diameter fiber optic cable, to install 60-pound nylon line as a pull string, or as and aid to install mule tape. Installation of cables up to 250' long can be easily achieved. The ability to mechanically push the cable helps move the cable past bends. Longer distances can be achieved with the nylon pull string line option. The portable 90 PSI compressor can be purchased as a kit, or you can use your air source; it is not recommended to exceed 80 PSI.

SPECIFICATIONS

Cable Types:
2-3mm Cable Diameters
1-12 fiber Distribution Style Cable Available

Mechanical Drive:
15 ft per/min

Power Supply for Jetter:
24v from wall plug

Pneumatic Projectile:
Foam cylinder secured with connection pin

Microduct Size:
Limited to 3/8" I.D. - ½" O.D. (9.5mm - 12.7mm)

Compressor: (Includes 50ft x 1/4" Air Hose)
Portable 6-gallon pancake compressor option available (2.6 scfm @ 90 PSI)
Larger compressors are able to be used but a max of 80 PSI is advised

ORDERING INFORMATION

- Cable Jetter Kit **(F1JETTERKIT)**
- 6 Gal 165 PSI Compressor & 50ft Air Hose **(F1JETTERC)**
- Consumable refill kit (6 projectiles) **(F1JETTERRFK6)**
- Consumable refill kit (24 projectiles) **(F1JETTERRFK24)**
- Microduct – 3/8" I.D. – 1/2" O.D. (9.5mm - 12.7mm) **(KDI12101)**
- Nylon Pull String Refill **(JETTERFLREFILL)**

Cable Types:

9/125µm - OS2 SINGLEMODE
- S09-MD2-CZNPY20 (2 Fiber, Plenum, Yellow)
- S09-MD12-CZNPY20 (12 Fiber, Plenum, Yellow)

50/125µm - OM3 MULTIMODE
- M50-MD02-CGNPA20 (2 Fiber, Plenum, Aqua)
- M50-MD12-CGNPA20 (12 Fiber, Plenum, Aqua)

50/125µm - OM4 MULTIMODE
- M50-MD02-C4NPA20 (2 Fiber, Plenum, Aqua)
- M50-MD12-C4NPA20 (12 Fiber, Plenum, Aqua)

50/125µm - OM3 MULTIMODE 10 Gig
- M50-SX01-CGNRA (3.0mm, Simplex, Riser, Aqua)
- M50-SX01-CGNPA (3.0mm, Simplex, Plenum, Aqua)
- M50-SX01-CGNRA20 (2.0mm, Simplex, Riser, Aqua)
- M50-SX01-CGNPA20 (2.0mm, Simplex, Plenum, Aqua)

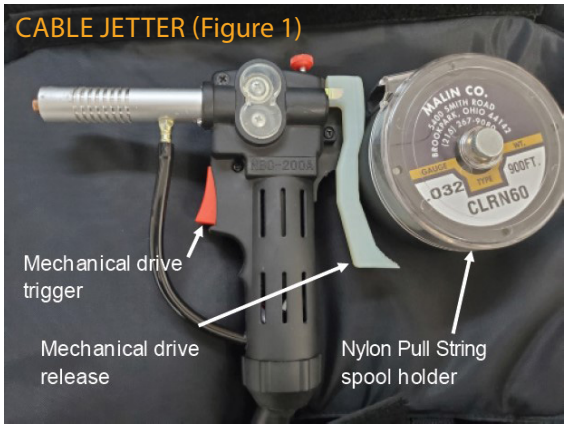
OM1 / OM2 Fiber Cable Available

CABLE JETTER KIT CONTENTS

- Cable Jetter with Nylon Pull String
- Threaded Nozzle
- Quick Connect (2 Qty)
- Blowing Projectile (6 Qty)
- Pre-cut Nylon Pull String
- Mini Pulling Eye (6 Qty)

Microduct Suppliers
- Fiber Instrument Sales
- Duraline
- Knet
- Blue Diamond Industries

Mini Pulling Eye



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FIS CABLE JETTER USER GUIDE

PART I: CABLE JETTER SET UP (Refer to Figure 1)

1) Take the "Threaded Nozzle" out of the safety case and thread it into the front of the Jetter Barrel.

2) Attach the "Quick Connect" fitting to the end of the "Threaded Nozzle" just installed.

3) Plug in the power supply and air hose (with valve in closed position) to the connections at the end of the whip. (not shown)

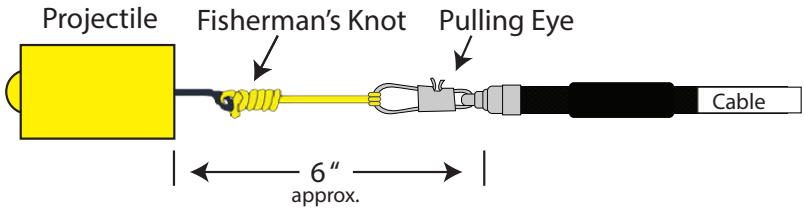
4) Turn on the air value and press the mechanical drive release and mechanical trigger to activate air. Releasing mechanical drive trigger will activate cable push motor.

Your Jetter Is Ready For Operation

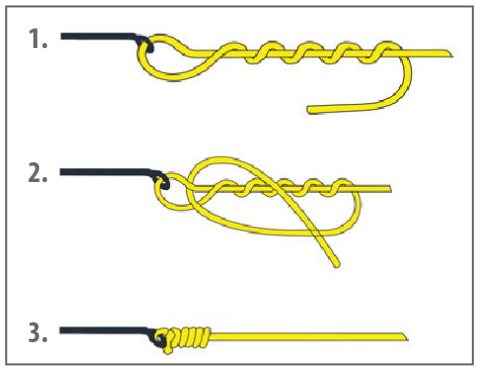
PART II: BLOWING FIBER CABLE PROCEDURE

1) Remove nylon pull string spool if attached. Thread cable through hole insert found behind mechanical drive release, until it extends beyond Jetter Barrel.

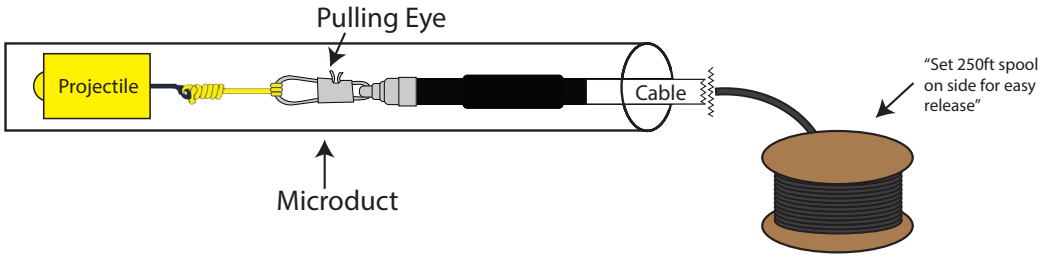
2) Tie pre-cut nylon pull string (or cut from reel) to one end of the cable to be installed and the other end to the projectile using recommended fisherman knot. Shown to the right.



Recommended Fisherman's Knot



3) Set cable spool on its side as shown and insert projectile into conduct.



4) Turn on compressor, open air valve mechanical drive release until fiber begins to feed. The spooled cable will release easier if the spool is set on its side as shown above (below conduit entry point). Continue procedure until cable exits conduit or stops.

5) If cable stops, release mechanical drive release and press mechanical drive trigger which will engage mechanical motor push. Re-engage mechanical drive release once obstruction is passed, providing the air alone for faster entry of cable. Some applications will require mechanical drive use to get to end of conduit run.

PART III:

In the event the end of microduct is not reached, remove cable from microduct. Install nylon pull string spool and thread like cable thru Jetter Barrel. Install blowing projectile using fisherman's knot and placing into innerduct. Activate air and press mechanical drive until nylon pull string has exited. Use nylon pull string as a cable pull string or as an aid to install heavier mule tape or pull string.