

CORNING

Sheath Removal of MiniXtend® Ribbon Cable-200 Flow

P/N 004-310-AEN, Issue 1

related literature | Search www.corning.com/opcomm. Click on "Resources/Standard Recommended Procedures."

[AE Note 049](#) [Air-Assisted Cable Installation Techniques](#)

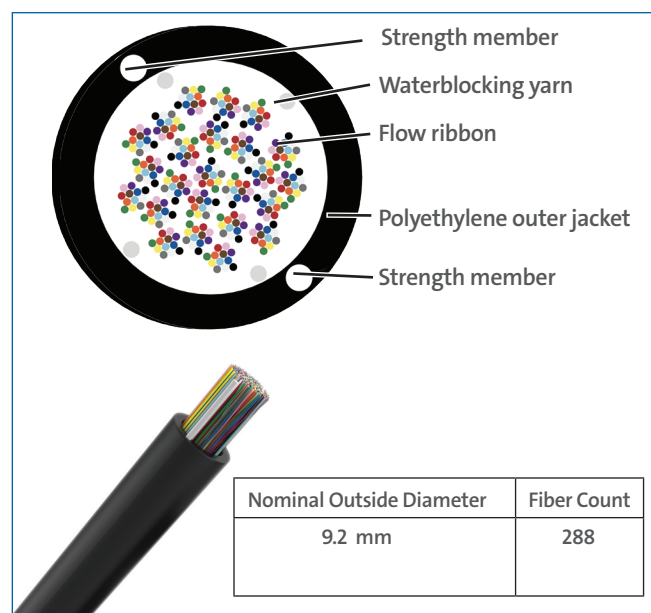
[AE Note 096](#) [Micro Cable Air-Assisted Installation Considerations](#)

[005-011](#) [Duct Installation of Fiber Optic Cable](#)

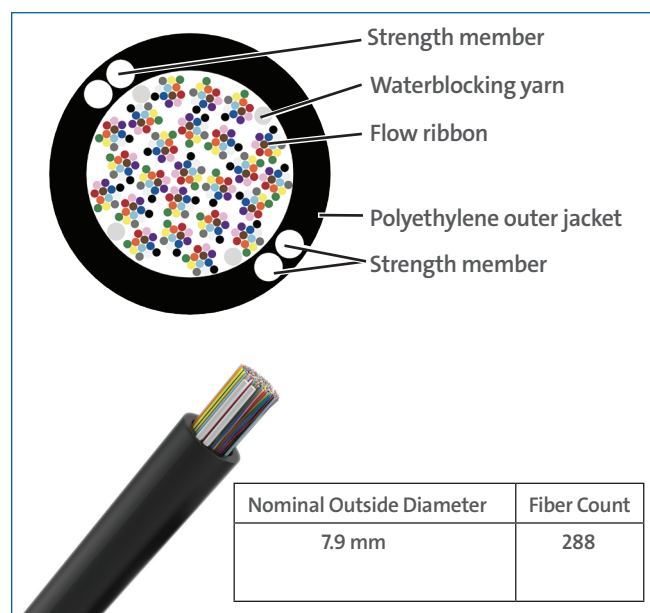
1. General

This document provides recommended jacket removal procedures for MiniXtend® Ribbon Cable-200 Flow.

288f Indoor/Outdoor MiniXtend® Ribbon
Cable-200 Flow

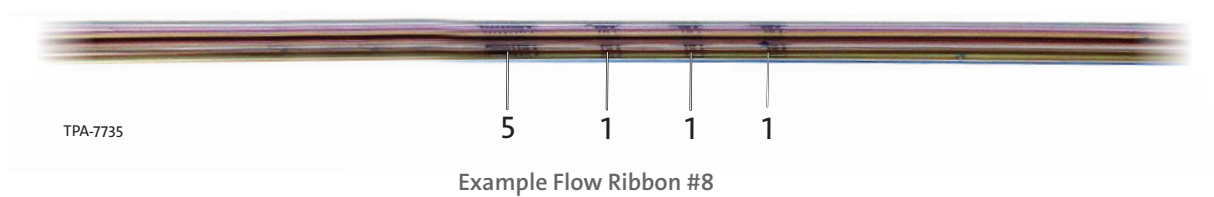


288f MiniXtend® Ribbon Cable-200



2. Ribbon Identification

Flow ribbons are numbered using block print to indicate numbers. Large bars represent 5, and small bars represent 1.



Ribbon #	ID Bars	Ribbon #	ID Bars	Ribbon #	ID Bars	Ribbon #	ID Bars
1		7		13		19	
2		8		14		20	
3		9		15		21	
4		10		16		22	
5		11		17		23	
6		12		18		24	

= 1 = 5

Flow Ribbon ID

3. Precautions

3.1 Cable Handling Precautions

CAUTION: Fiber optic cable is sensitive to excessive pulling, bending, and crushing forces. Consult the cable specification sheet for the cable you are installing. Do not bend the cable more sharply than the minimum recommended bend radius. Do not apply more pulling force to the cable than specified. Do not crush the cable or allow it to kink. Doing so may cause damage that can alter the transmission characteristics of the cable; the cable may have to be replaced.

CAUTION: This cable is intended to be jetted or blown into a microduct. If pulled ensure breakaway swivel is used that is attached with a basket grip to the central strength member (GRP). Adhere to the minimum bend radius of the cable; do not exceed the cable's specified maximum allowed installation tension.

3.2 Laser Handling Precautions

WARNING: **Never look directly into the end of a fiber that may be carrying laser light.** Laser light can be invisible and can damage your eyes. Viewing it directly does not cause pain. The iris of the eye will not close involuntarily as when viewing a bright light. Consequently, serious damage to the retina of the eye is possible. Should accidental eye exposure to laser light be suspected, arrange for an eye examination immediately.

3.3 Safety Glasses

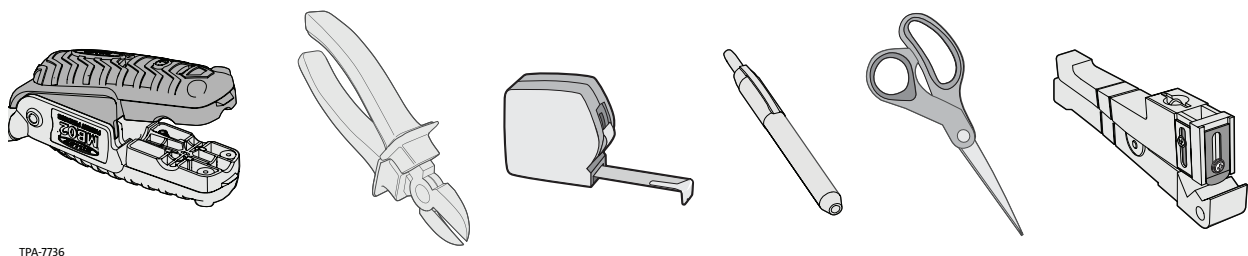
CAUTION: Recommend the use of safety glasses (spectacles) conforming to ANSI Z87, for eye protection from accidental injury when handling chemicals, cables, or fiber. Pieces of glass fiber are very sharp and have the potential to damage the eye.

3.4 Safety Gloves

CAUTION: The wearing of cut-resistant safety gloves to protect your hands from accidental injury when using sharp-bladed tools and armored cable is strongly recommended. Use extreme care when working with severed armor. There will be a sharp edge where armor is cut. To minimize the chance of injury from the cut armor, cover the exposed edge with a wrap of electrical tape. To minimize the chance of injury from sharp-bladed tools, always cut away from yourself and others. Dispose of used blades and armor scrap properly.

4. Tools and Materials

- Tape measure
- Permanent marker
- Ripley MB02-7005
- Ripley cable tray set
- Side cutters
- Scissors
- Ring cut tool 45 - 164 or equivalent

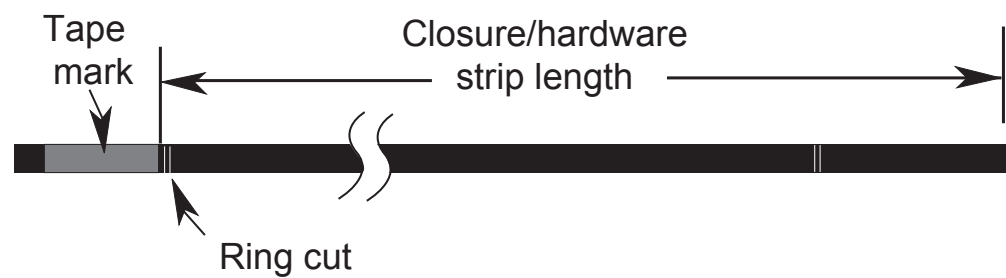


Ripley Cable Tray Set

Cable	Ripley MB02 Insert Size	Ripley Part Number
288f Indoor/Outdoor Minixtend® Ribbon Cable - 200 Flow	8-11 mm, 1.5 mm deep	MB02-7-1100150
288f MiniXtend® Ribbon Cable - 200 Flow	8-11 mm, 1.25 mm deep	MB02-7-1100125

5. End Access

Step 1: Based on the closure/hardware documentation being used, measure and use a wrap of vinyl tape to mark the required jacket removal length (Figure 1).

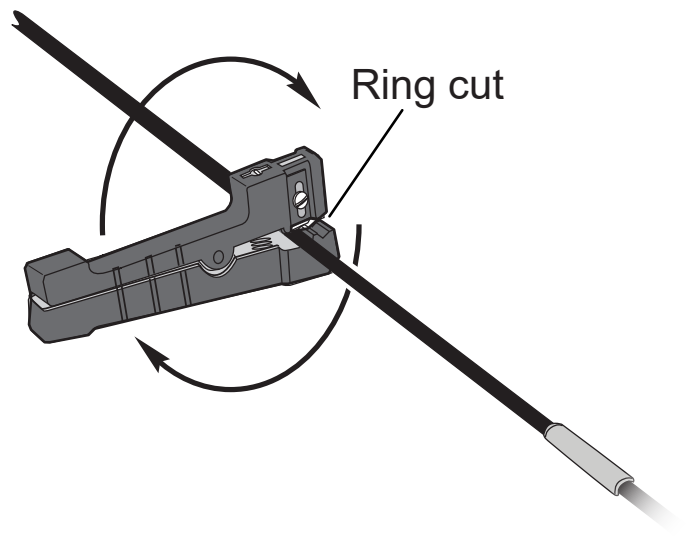


Not to scale

TPA-4937

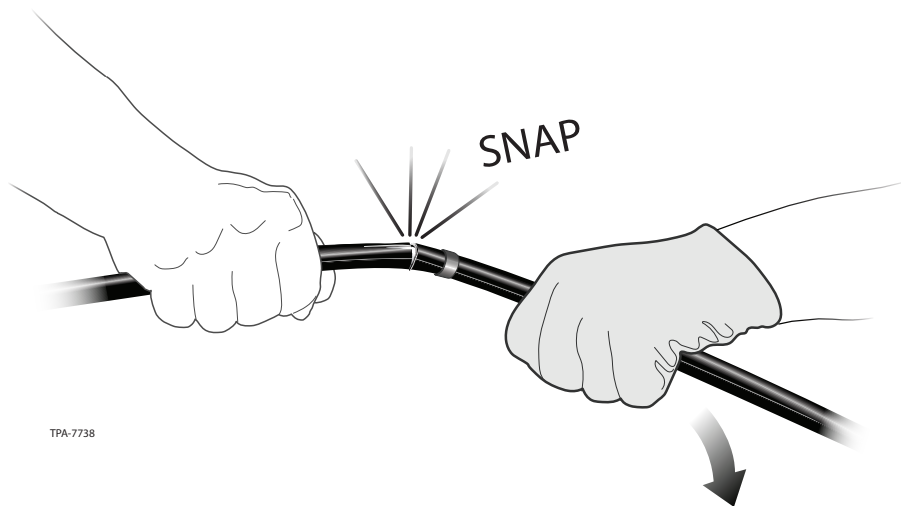
Figure 1

Step 2: Using a ring cut tool such as the Ideal 45-164, Ripley MB02 or equivalent, make a ring cut at the measured access length.



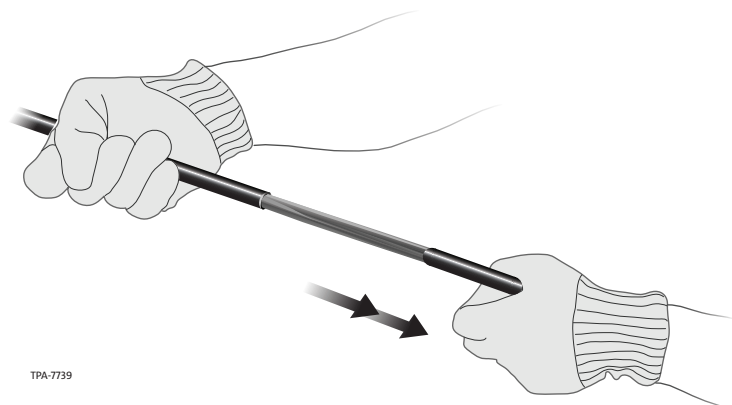
TPA-7737

Step 3: Flex the cable at the ring cut until both of the strength members break. Use small snips to trim any remaining strength members or jacket material.



TPA-7738

Step 4: Slide the jacket off of the ribbon bundle.

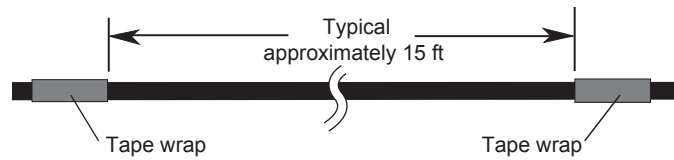


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6. Mid-span Jacket Access

6.1 Mid-span Jacket Removal Using Ripley MB02-7001

Step 1: Identify the location to access the jacket for mid-span cable entry and mark each end with a wrap of tape. Typical access length is 15 ft (Figure 2).

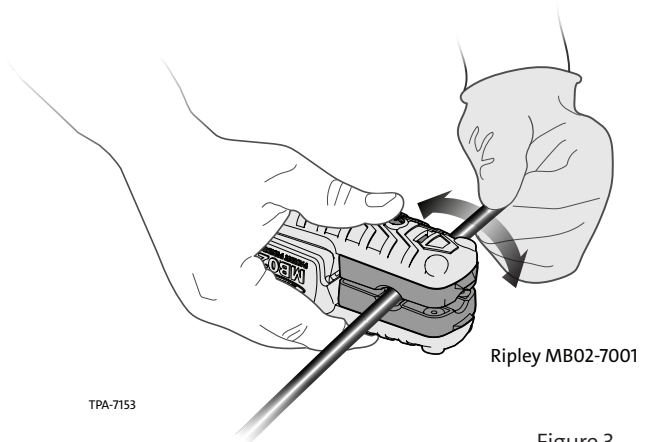


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Not to scale

Figure 2

Step 2: Place the cable in the ring cut position of the tool, make two revolutions on both ends of the wrapped tape (Figure 3).

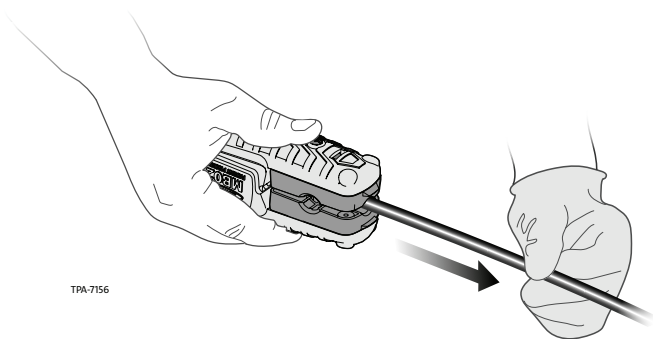


TPA-7153

Step 3: Place tool on the ring cut end of the cable in the position for long cuts.

Figure 3

Step 4: Press down on the tool and grasp it to maintain pressure. Slide the tool to the tape mark for a longitudinal score in the direction of the jacket removal. This will make a long cut on both sides of the cable (Figure 4).



TPA-7156

NOTE: An option is to make one ring cut in center and remove jacket exposing ribbons for 7.5 ft on each side of ring cut, and then trim off jacket.

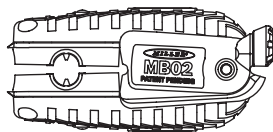
Figure 4

7. Cable Slitter Instruction Sheet

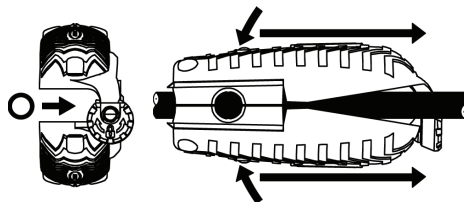


MB02

CABLE SLITTER INSTRUCTION SHEET

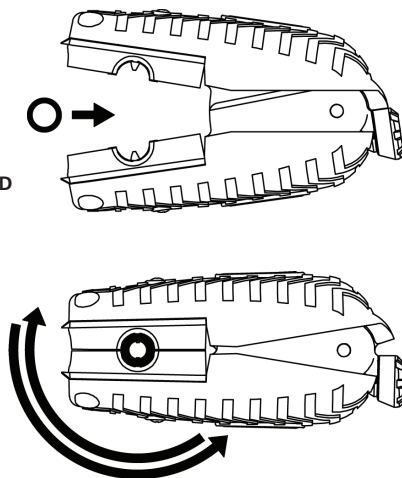


LONGITUDINAL CUT



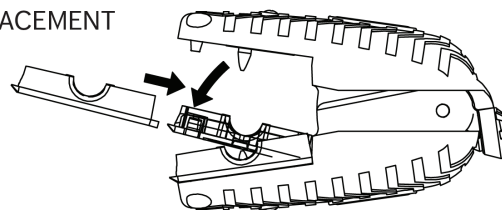
RING CUT

ROTATE 180° AND
BACK 1+ TIMES

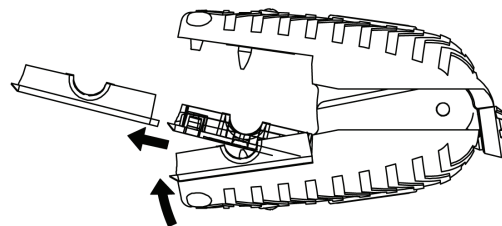


TRAY REPLACEMENT

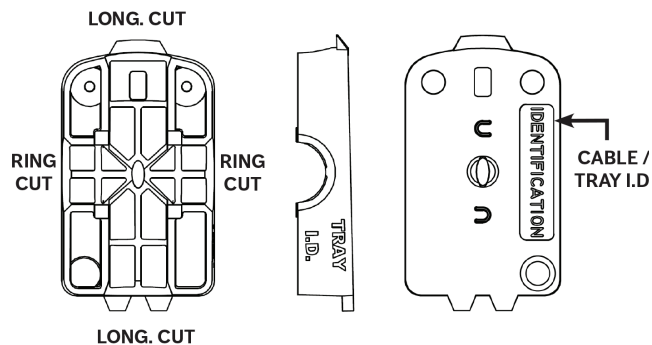
INSERT



EJECT



TRAY OVERVIEW



REPLACEMENT BLADE KIT: MB02-7500

WWW.RIPLEY-TOOLS.COM

MB02-6000

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