

HARNES - LUMEFLEX™ STRANDED CABLE FOR POWERHOUSE™ AND ENCORE™ SERIES ILLUMINATORS

Project:

Type:

Catalog Number: **PS-HARN-xxx**

System Component: **Harness**



◆ **Use PS-HARN with LumeFlex™ Stranded Cable in:**

- **Encore™ Series Illuminators**
- **PowerHouse™ Series Illuminators**

◆ **Easy Field-Assembly**

DESCRIPTION: This harness is for use with LUMEFLEX™ stranded cable and is easily field-assembled by bundling the cable into it and trimming the fiber ends evenly with a choice of Lumenyte's hot knives¹. Packing fibers are included to complete the harness assembly. Packages of 100 packing fibers can be ordered separately.

Model Number	Accommodates Up To
PS-HARN-100	100 Strands
PS-HARN-200	200 Strands
PS-HARN-300	300 Strands
PS-HARN-400	400 Strands
PS-HARN-500	500 Strands
PS-HARN-600	600 Strands
PS-HARN-1000	1,000 Strands

(Each includes 25-Strand Fiber Bundle)

FF-100 100-Strand Fiber Bundle, 1' Length (approx.)

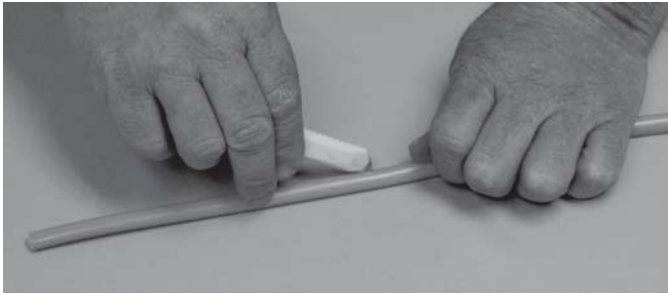
Notes

1. Hot Knives must be ordered separately

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***FIELD HARNESS ASSEMBLY INSTRUCTIONS
PS-HARN STRANDED CABLE***

1. Score the cable jacket along the side linearly about 7 inches, being very careful to avoid cutting clear through and damaging the fiber inside.



2. Carefully cut the jacket clear through only about an 1/8th of an inch at the end.



3. Split the jacket by taking the cut end and pulling the scored jacket apart.

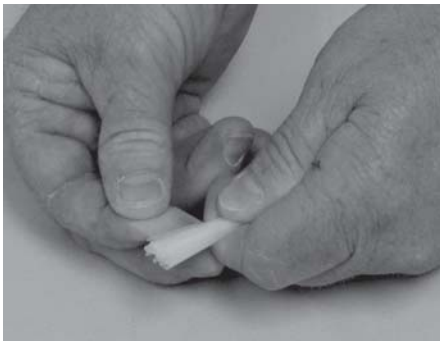


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4. Cut off the excess jacket.



5. With scotch tape, bind the end of the now loose fiber.

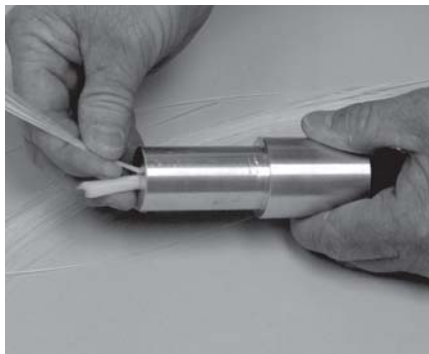


6. Slide the fiber into the harness until the cable jacket touches the compression fitting. The fiber should extend out of the harness approximately an inch.

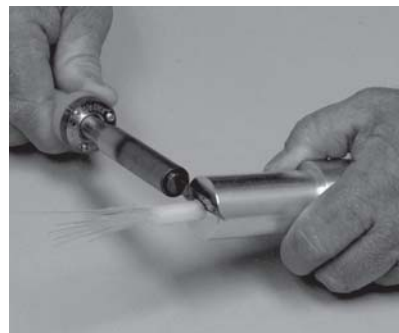
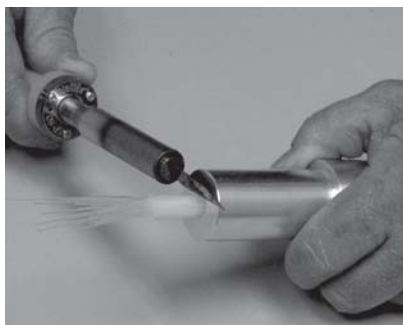


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7. Pack harness with 12" excess fibers 360° around the active fiber bundle creating a snug fit. Be sure that the fiber extends out of the compression fitting, and then tighten the fitting hand tight and complete with wrench 1/4 turn. DO NOT allow cable jacket to enter compression fitting.



8. After hot knife has warmed up, with the blade at approximately a 20° angle, push the hot knife (flat edge down) across the face of the harness **slowly** cutting the fiber flush with the harness. DO NOT leave hot knife on the fiber for an extended amount of time, avoiding hot spots or overly melted fiber.



9. Allow hot knife and harness to cool.

