

Quick-Fit plus connectors for 1/2" foam cables

Safety Instructions



Connector Types

	Straight cable plug	Right angle cable plug	Straight cable jack
N type	11_N-50-12-6...	16_N-50-12-6...	21_N-50-12-6...
4.3-10 type	11_4310-50-12-X/Y/Z6...	16_4310-50-12-X/Y/Z6...	21_4310-50-12-X/Y/Z6...
7/16 type	11_716-50-12-6...	16_716-50-12-6...	21_716-50-12-6...

Required Tools



Preparing tool
74_Z-0-12-18 with blade
units and chamfering tool

Remover 74_Z-0-12-24

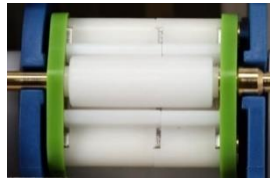
Cordless-drill
Speed controlled

2x HEX-Spanner
AF 24 mm / 15-16 in

i Check appropriate blade unit

Green 74_Z-0-12-21
For jacket diameters > 16 mm
(e.g. HUBER+SUHNER Sucofeed)

Yellow 74_Z-0-12-20
For jacket diameters < 16 mm



1 Perform rough cut

If the cable must be cut for length, leave around 3" (7 cm) of cable beyond the expected connector cable entry point. Use a tube cutter in order to avoid shavings. Then straighten approx. 20" (500 mm) of the cable end.



2 Set START/END position

Make sure that the preparing tool is in the START/END position by rotating the left part of the tool clockwise or counter-clockwise.



3 Position tool

Slide the tool according the cable direction indicator on the cable until it is visible in the opening at least. Mind connector's cable entry reference on the tool.





4 Cut

- Hold preparing tool at the grip whilst keeping the foam cable in preferred axial position
- Turn the base tool manually or supported in clock wise direction until START/END position is reached again after about 14 turns



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<p>5 Eject cut sections</p> <p>a) Slide the preparing tool backwards away from the cable end b) Remove loose jacket outer conductor ring 1st c) Remove the tool from the cable</p>	 <p>The diagram shows a person wearing blue gloves using a tool to strip a cable. Yellow arrows labeled 'a)' point to the tool being moved away from the cable end. Yellow arrows labeled 'b)' point to the removal of a ring. Yellow arrows labeled 'c)' point to the removal of the tool.</p>
<p>6 Remove outer conductor, dielectric and centre conductor coating</p> <p>Use the removing tool and remove the outer conductor, the dielectric and the jacket by using the appropriate tool shape. Remove also the centre conductor coating if needed.</p>	 <p>The diagram shows three steps of using a removing tool to strip the cable. Yellow dashed lines indicate the cutting path.</p>
<p>7 Chamfer center conductor</p> <p>Chamfer the centre conductor by use of the chamfering tool until stop.</p>	 <p>The diagram shows a person using a chamfering tool on the center conductor. A yellow arrow points to the tool, and a dashed line labeled 'STOP' indicates the end of the chamfering process.</p>
<p>8 Proper cable preparation</p> <p>Inspect the final condition of the stripped foam cable end carefully for following points:</p> <ul style="list-style-type: none">✓ All the cut sections should be clean cut✓ Corrugated outer conductor without deformation✓ Center conductor, straight aligned and without scratches on the entire surface and completely chamfered	 <p>The diagram shows two views of the prepared cable end. The top view shows a clean cut with a yellow dashed line labeled 'cut on the wave crest'. The bottom view shows a chamfered center conductor with a yellow checkmark.</p>
<p>9 Position connector</p> <p>a) Slide the connector onto latching CLICK position b) Verify the connector is proper settled by counter movement</p>	 <p>The diagram shows a person sliding a connector onto the cable. A yellow arrow labeled 'a)' points to the connector being moved onto the cable. A yellow arrow labeled 'b)' points to the connector being moved back. A speech bubble labeled 'click' indicates the latching position.</p>
<p>10 Fix connector</p> <p>Remove the red locking clip and torque the cable entry part (AF 24 mm / 15, 16 in) while keeping the connector body in stationary position until the positive stop.</p> <p>Proof torque: ≥ 17 Nm</p>	 <p>The diagram shows a person using a torque wrench to tighten the cable entry part. A yellow arrow points to the torque wrench.</p>



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Quick-Fit plus connectors for ½” plenum rated cables

Safety Instructions



Connector Types

	Straight cable plug	Right angle cable plug	Straight cable jack
N type	11_N-50-12-6...	16_N-50-12-6...	21_N-50-12-6...
4.3-10 type	11_4310-50-12-X/Y/Z6...	16_4310-50-12-X/Y/Z6...	21_4310-50-12-X/Y/Z6...
7/16 type	11_716-50-12-6...	16_716-50-12-6...	21_716-50-12-6...

Required Tools



Preparing tool
74_Z-0-12-18 with blade
units and chamfering tool

Remover 74_Z-0-12-22

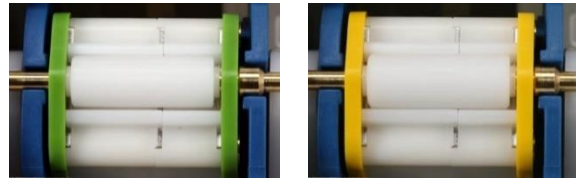
Cordless-drill
Speed controlled

2x HEX-Spanner
AF 24 mm / 15-16 in

i Check appropriate blade unit

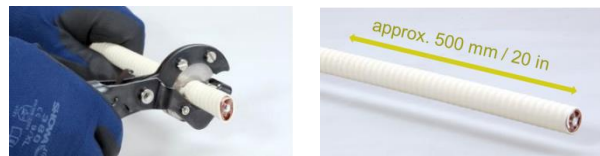
Green 74_Z-0-12-21
For jacket diameters > 16 mm
(e.g. HUBER+SUHNER Sucofeed)

Yellow 74_Z-0-12-20
For jacket diameters < 16 mm



1 Perform rough cut

If the cable must be cut for length, leave around 3" (7 cm) of cable beyond the expected connector cable entry point. Use a tube cutter in order to avoid shavings. Then straighten approx. 20" (500 mm) of the cable end.



2 Set START/END position

Make sure that the preparing tool is in the START/END position by rotating the left part of the tool clockwise or counter-clockwise.



3 Position tool

Slide the tool according the cable direction indicator on the cable until it is visible in the opening at least. Mind connector's cable entry reference on the tool.



4 Cut

- c) Hold preparing tool at the grip whilst keeping the plenum rated cable in preferred axial position
- d) Turn the base tool manually or supported in clock wise direction until START/END position is reached again after about 14 turns



Quick-Fit plus connectors for ½” plenum rated cables

<p>5 Eject cut sections</p> <p>d) Slide the preparing tool backwards away from the cable end</p> <p>e) Remove loose jacket outer conductor ring 1st</p> <p>f) Remove the tool from the cable</p>	
<p>6 Remove dielectric and jacket</p> <p>Use the removing tool and remove the dielectric by using the appropriate star shape then remove the jacket.</p>	
<p>7 Chamfer center conductor</p> <p>Chamfer the centre conductor by use of the chamfering tool until stop.</p>	
<p>8 Proper cable preparation</p> <p>Inspect the final condition of the stripped plenum rated cable end carefully for following points:</p> <ul style="list-style-type: none"> ✓ All the cut sections should be clean cut ✓ Corrugated outer conductor without deformation ✓ Center conductor, straight aligned and without scratches on the entire surface and completely chamfered 	
<p>9 Position connector</p> <p>c) Slide the connector onto latching CLICK position</p> <p>d) Verify the connector is proper settled by counter movement</p>	
<p>10 Fix connector</p> <p>Remove the red locking clip and torque the cable entry part (AF 24 mm / 15, 16 in) while keeping the connector body in stationary position until the positive stop.</p> <p>Proof torque: ≥ 17 Nm</p>	



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