

Assembly Instruction

Quick-Fit plus connectors for ½" 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+SUHRNER 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

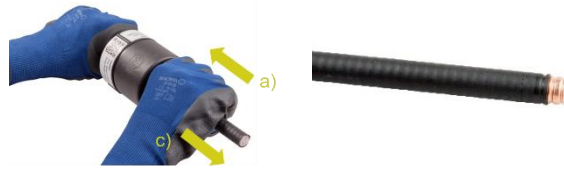
- Hold preparing tool at the grip whilst keeping the foam cable in preferred axial position
- Turn the base tool manually or supported in clock wise direction until START/END position is reached again after about 14 turns



Quick-Fit plus connectors for ½" foam cables

5 Eject cut sections

- Slide the preparing tool backwards away from the cable end
- Remove loose jacket outer conductor ring 1st
- Remove the tool from the cable



6 Remove outer conductor, dielectric and centre conductor coating

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.



7 Chamfer center conductor

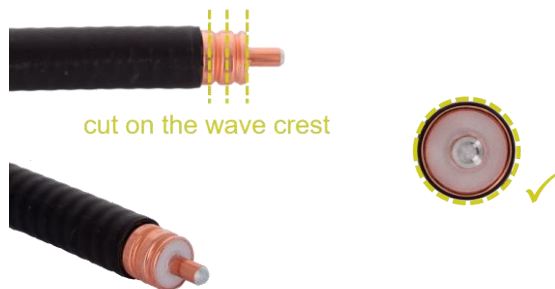
Chamfer the centre conductor by use of the chamfering tool until stop.



8 Proper cable preparation

Inspect the final condition of the stripped foam cable end carefully for following points:

- ✓ 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



9 Position connector

- Slide the connector onto latching CLICK position
- Verify the connector is proper settled by counter movement



10 Fix connector

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.

Proof torque: ≥ 17 Nm



For latest assembly instruction with full product range, please visit –
www.hubersuhner.com/QuickFitPlus

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</p>	<p>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</p>	<p>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</p>	<p>Chamfer center conductor</p> <p>Chamfer the centre conductor by use of the chamfering tool until stop.</p>	
<p>8</p>	<p>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>Cut on the wave crest</p>
<p>9</p>	<p>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</p>	<p>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>	



For latest assembly instruction with full product range, please visit –
www.hubersuhner.com/QuickFitPlus

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 und IRIS

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.