

Series NSX / EPX	SIZE 8 QUADRAX CONTACTS WIRING INSTRUCTIONS QUAD ETHERNET NF22Q100 CABLE	Issue May 05, 2015	Page 1 / 4
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FOR NON-ENVIRONMENTAL QUADRAX ONLY / ALL SERIES:

1/ Slide the heat shrinkable sleeve over the cable.



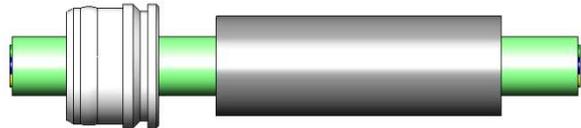
FOR ENVIRONMENTAL QUADRAX ONLY / ALL SERIES:

1bis/ Slide the sealing boot over the cable.



FOR NON-ENVIRONMENTAL PIN QUADRAX ONLY / NSX SERIE ONLY:

1ter/ Slide alignment boot over the cable.

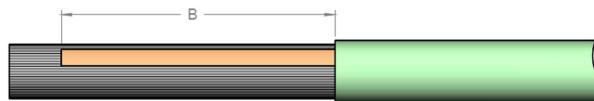


THE FOLLOWING STEPS ARE FOR ALL SERIES AND ALL STYLES OF QUADRAX:

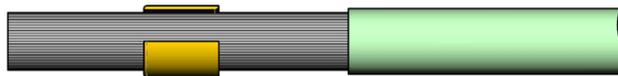
2/ Strip the cable as illustrated: A= 25 mm (.787 inch):



3/ Comb the braid and cut rod fillers.
Cut the 4 inner conductors to length indicated: B= 21 mm (.630 inch)

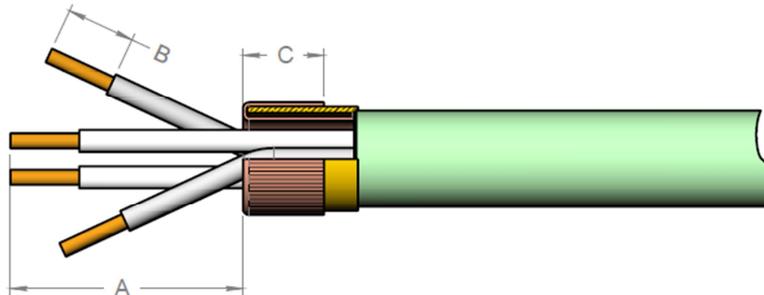


4/ Slide the shield crimp sleeve over the braid against the sheath end cut.
First, twist the braid end to facilitate the sliding of the shield crimp sleeve.

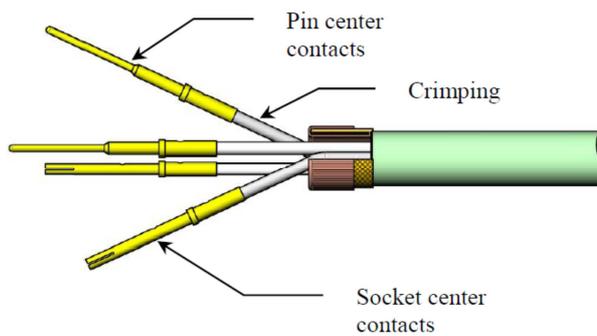


CREATION NAME : BRANJONNEAU DATE : March 17, 2015 APPR. : LEGENDRE				
	Mar. 25, 16	EPX Serie added	Moutault W.	Vieira D.
	May 05, 15	Strip dimensions updated. Added heat shrinkable sleeve	Branjonneau V.	Legendre T.
	ISSUE	REVISIONS	NAME	APPROVED

- 5/ Fold back the braid over the shield crimp sleeve.
 Cut the braid and the 4 conductors as shown:
 A= 13.5 mm (.531 inch)
 B= 3.5 mm (.138 inch)
 C= 4 mm (.157 inch)



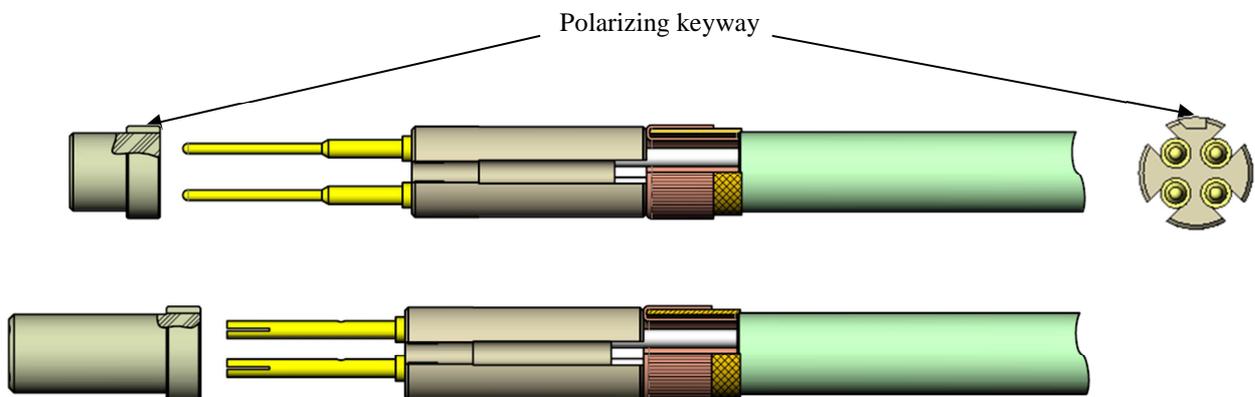
- 6/ Slide the center contacts on the conductors:
 - 4 pin center contacts on the quadrax pin contact
 - 4 socket center contacts on the quadrax socket contact



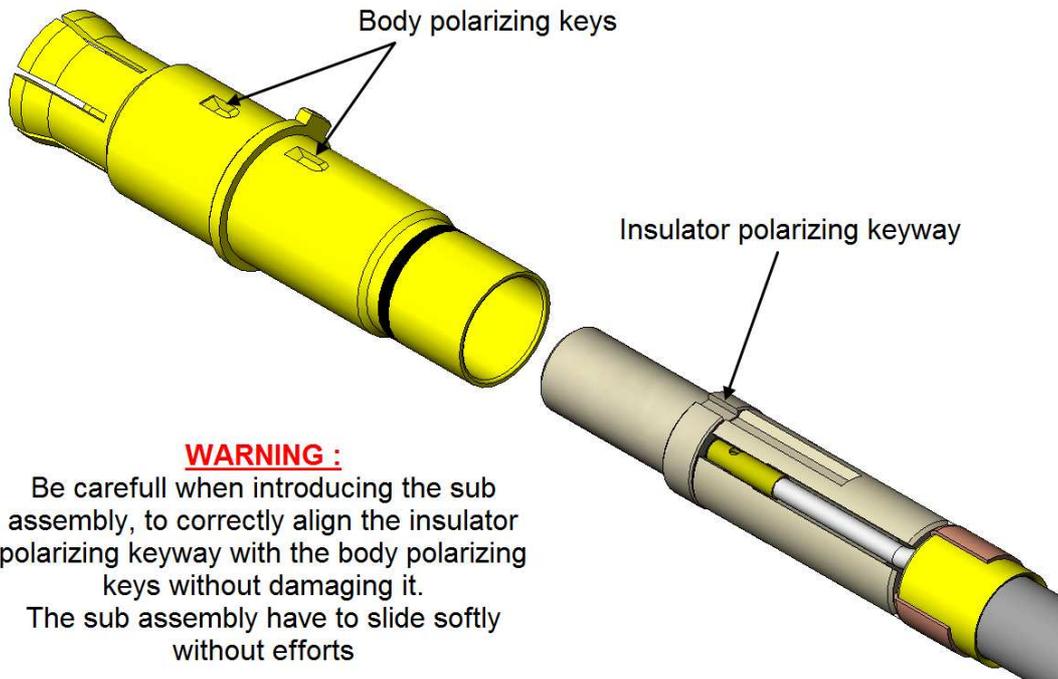
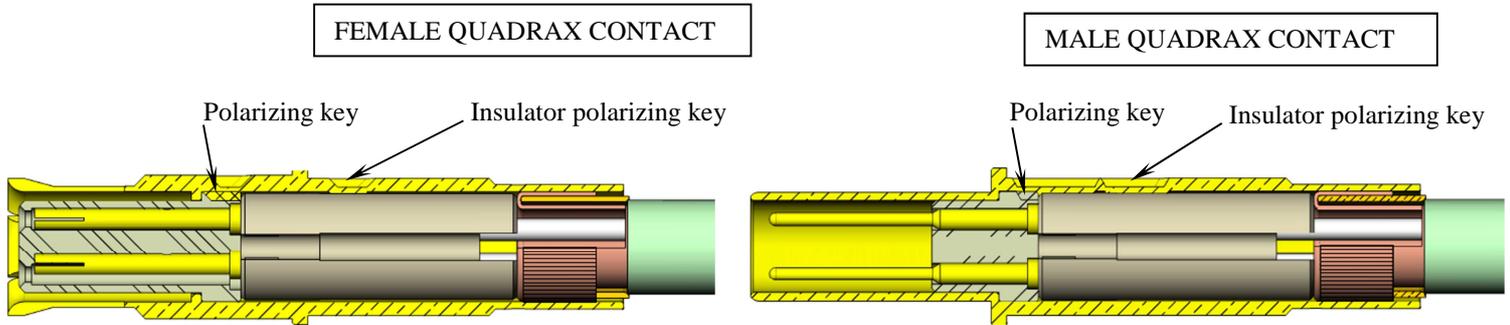
- 7/ Crimp the center contacts

Crimping tool : M22520/2-01 (RADIALL 282 281) selector 5
 Positioner : DANIELS K 709 (RADIALL: 282 581 010)

- 8/ Put in place the 4 conductors into the slots of the spacer
 Then, slide the insulator over the contacts making the polarizing keyways coincident

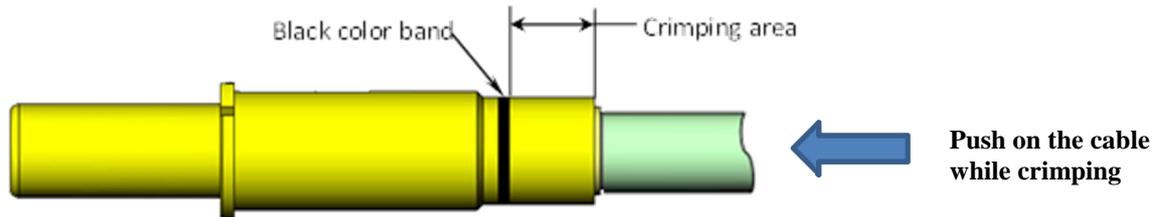


- 9/ The male and female outer contact bodies have an insulator polarizing key. The insulator and the spacer have a polarizing keyway. Then, introduce the sub-assembly into the outer contact body making the polarizing keys coincident.



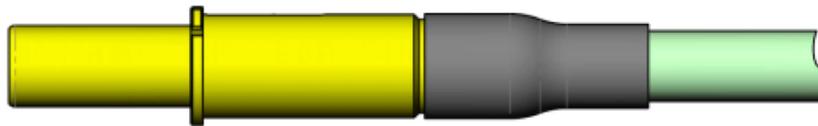
10/ Push strongly on the cable while crimping to make sure that the inner parts are well mounted in the body.

Crimping tool: M22520/5-01 (RADIALL 282 293)
Die: M22520/5-45 (RADIALL 282 236)
Hex die closure B (.218 on flats)



FOR NON-ENVIRONMENTAL QUADRAX ONLY / ALL SERIES:

11/ Slide the heat shrinkable sleeve on the crimping area (cover up to the black color band). Heat it.



FOR ENVIRONMENTAL QUADRAX ONLY / ALL SERIES:

11bis/ Slide the sealing boot on the crimping area.



FOR NON-ENVIRONMENTAL PIN QUADRAX ONLY / NSX SERIE ONLY:

11ter/ Slide alignment boot and the heat shrinkable sleeve on the crimping area (cover up to the black color band). Heat it.

