

Endcap Feedthrough Production at Victoria

Status Summary

LARG week
09/00

Components and Assembly Status for Endcap Feedthrough Production at the University of Victoria

Component Name	Number Received	Number Expected	Number Assembled	Number Tested	% of Order Received or Assembled
7-Row Pin Carriers	12	225		12	5%
8-Row Pin Carriers	16	225		16	7%
Cold Signal Flanges	60	60		60	100%
Warm Signal Flanges	60	60		60	100%
Seal Rings	60	60		60	100%
Cuff Rings	58	60		58	97%
Bellows Assemblies	54	60		18	90%
Funnel Bases	60	60		60	100%
Funnel Assemblies	10	60		4	17%
Modified VCR Glands	26	120		4	22%
Pigtails	368	1713		290	21%
Vacuum Cables	600	1750		300	34%
Low Voltage Cables	40	40		2	100%
Cold Flange Assemblies		60		2	2
Warm Flange Assemblies		60	2	2	3%
Feedthroughs		60	1	1	2%

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Pigtail Inventory

- T47 - 179 (18 ordered by UVIC)
- T48 - 111 (12 ordered by UVIC)
- T49 - 32
- T50 - 16
- T51 - 10 (all ordered by UVIC)
- LV - 20 (all ordered by UVIC)

Of the first batch of 300 vacuum cables, 32 pairs were identified as being calibration cable candidates

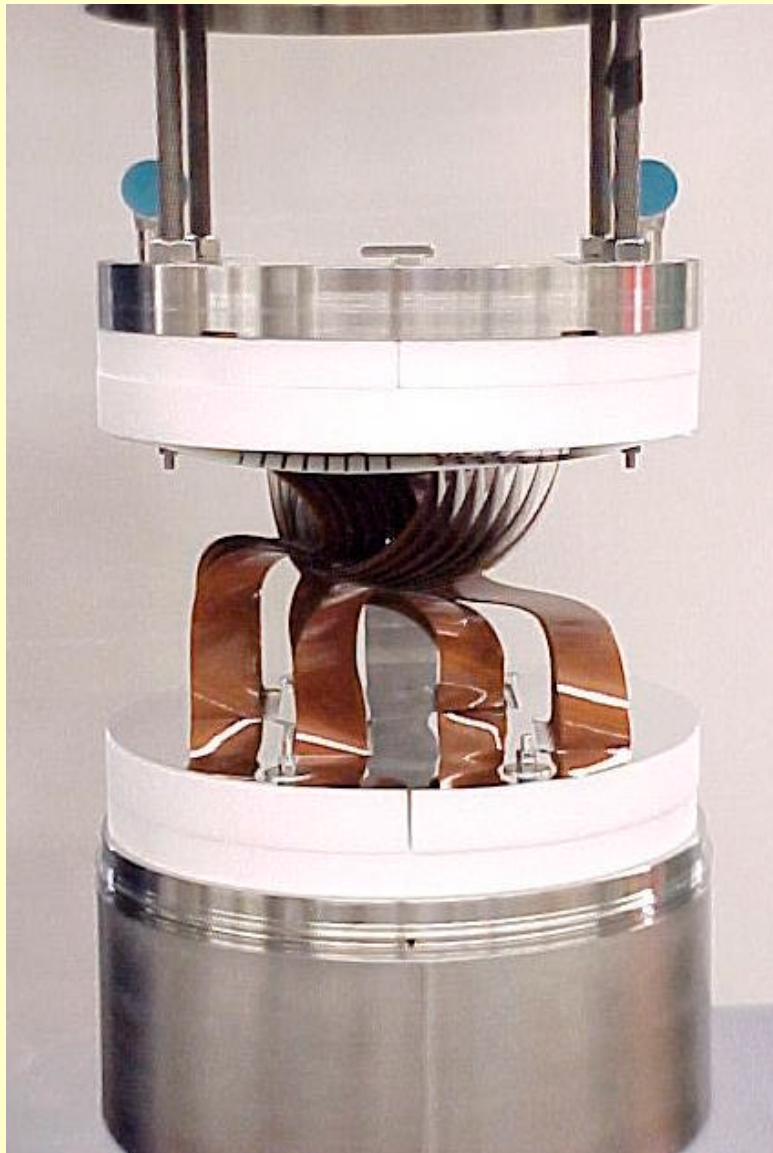
$$R_{\max} - R_{\min} < 50 \text{ mW}$$

(only 10 would be required from a batch of 300)

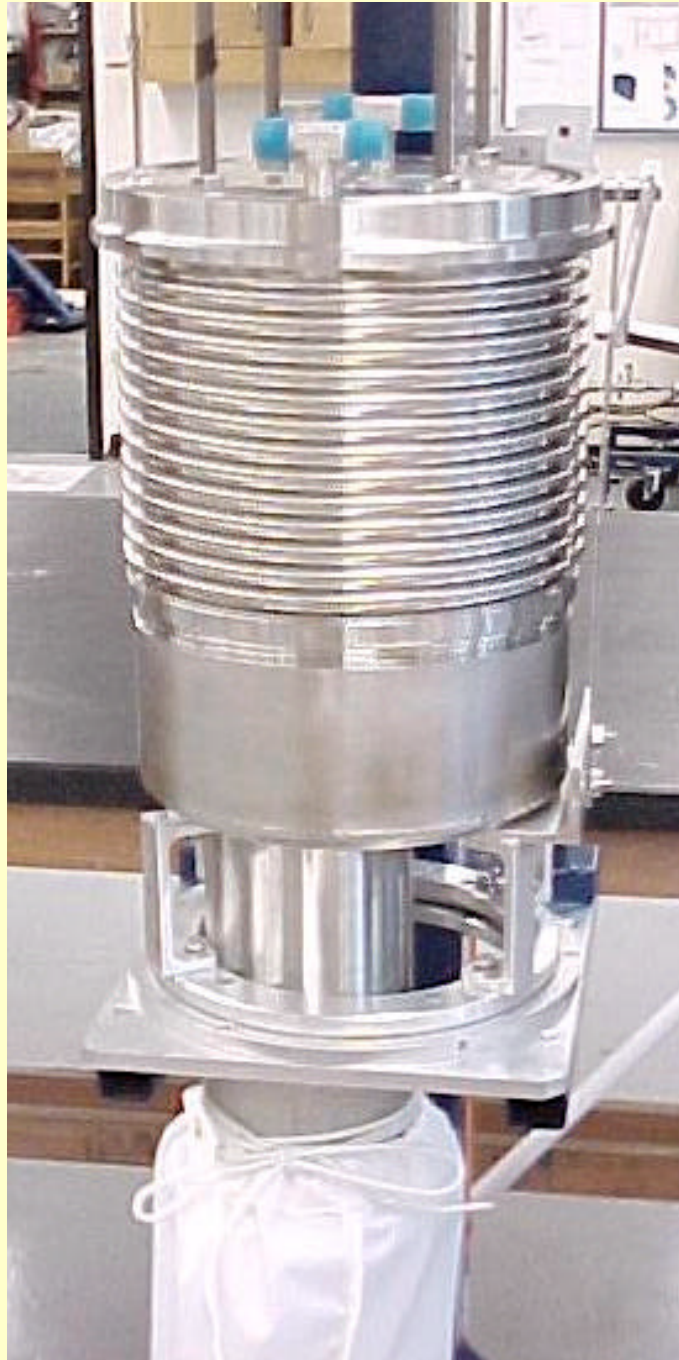
**Welding of the
first feedthrough (FT0)
was completed
on 19 July.**

**Cold leak checks and
electrical tests were
completed on 22 August.**

FTO vacuum cable installation



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**FTO
before
welds**

LARG week
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Welding of FT0



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Welding of FT0



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