NOTICE

This information applies only to the IQS-3250, IQS-3250B, IQS-9403 and OHS-1700 user guides.

Improvement for FOAs on EXFO Modules

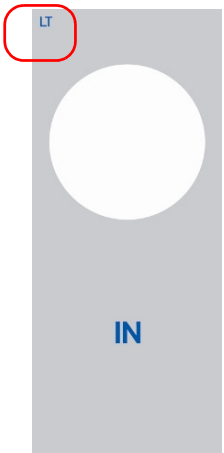
EXFO has made improvements that will increase the life of the FOA receptacles for the following instruments:

- IQS-3250
- IQS-3250B
- IQS-9403
- OHS-1700-UH

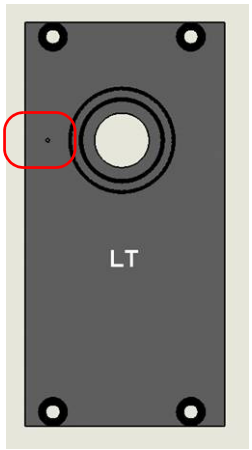
The improvement features a longer thread than the one on the older models. The wear of the threads is decreased significantly as the holding pressure is now distributed over five threads rather than two.

Note: *Even if the number of threads slightly changes the distance from the end ferrule, it does not have an impact on measurement uncertainty with an integrating cavity.*

Modules with the improvement are identified on their faceplates by the letters "LT" (Long thread). In the case of the OHS-1700 Optical Head, you will also notice a small dot next to the port.



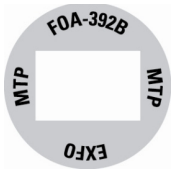
IQS-3250
IQS-3250B
IQS-9403



OHS-1700-UH

The longer threads on the faceplate required the change of four FOA models, the old FOA-302 (MT Ferrule), FOA-303 (Mini-MT Ferrule), FOA-392 (MTP ferrule) and FOA-393 (MT-RJ ferrule), as they are not compatible with the new faceplate design. The new FOA design for the new faceplate can be recognized by the letter "B" added to the model numbers stated above.

Below you can see some examples of the new identification stickers on the front of the FOAs.

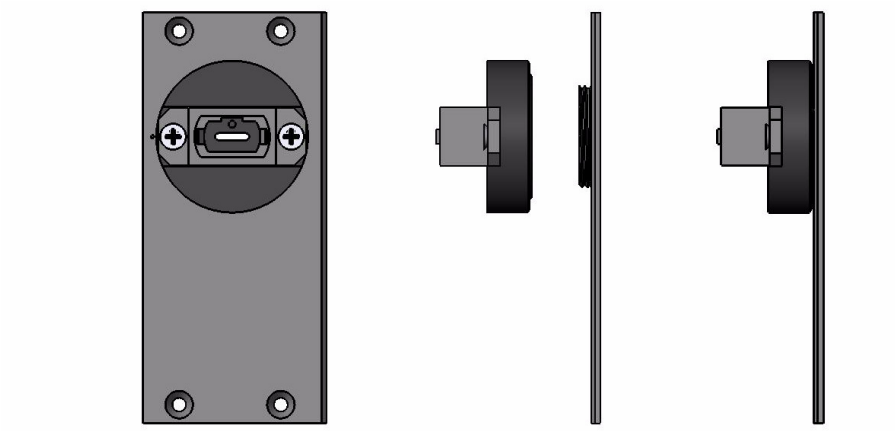


The table below indicates the compatibility for the faceplates and the FOA models.

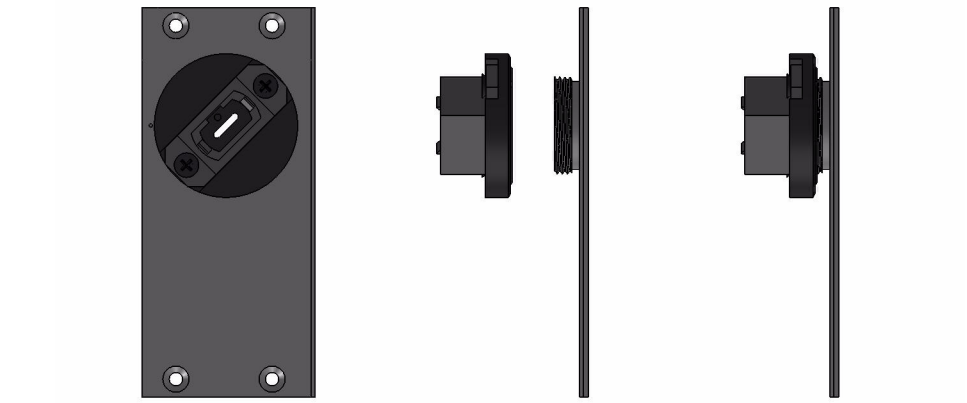
Compatibility chart for FOA-302, FOA-303, FOA-392, FOA-393			
		Faceplate	
		Old	**New (LT)**
FOA	**Old**	Yes	*No*
	New (B)	Yes	Yes

Below you can see the new faceplate with the new FOA. The threads in the FOA and on the faceplate are fully compatible and the connection is done properly both sideways and from the front.

Below you can see the new FOA model and an old faceplate. Since the thread in the FOA is longer than the one on the plate, the connection is done fully, as you can see from the side and front views.



Below you can see the old FOA used on a new plate. The thread of the FOA is not deep enough and the connection is not complete. The FOA is not aligned properly when you look at it from the front.



Note: *All of the other FOAs in the FOA-3xx series that were not mentioned in the table are compatible with both faceplate designs.*