

Universal Jointing Consortium

Bulletin Number: UJCB074 Issue 1

www.ujconsortium.com



UJ, UC AND UQJ WITH BEND-SENSITIVE FIBERS

The UJ Consortium would like to make the users of UJ, UQJ and UC products aware that the continuous evolution of transmission systems has reached a stage where some of the optical fibers used have become more bend and micro-bend sensitive than the reference fiber^{Note 1} that was used so far to benchmark the various existing fiber types in the validation process of UJ, UC and UQJ cables qualifications.

As a result, using the latest generations of fibers may invalidate the UJ/UC or UQJ qualification of the cable they would be used in. If this is the case, it would require further design adaptation and re-qualification work.

It is strongly recommended that, before considering using high bend/micro-bend sensitive fibers with UJ, UQJ and UC products, users contact the UJ Consortium member that originally qualified the cable under consideration to assess if the use of one of these new generation fibers has an impact on the cable's qualification with UJ/UC or UQJ.

Note 1: The 'reference fiber' is the most bend-sensitive fiber type used up to the current date in the qualification of cables with UJ/UC or UQJ.

If you have any queries concerning these changes, please contact the UJ Consortium Coordinator.

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