

## Encircled Flux (EF) Test Lead

These are an evolution in standards-based multimode fibre testing.

The theory is these will decrease the uncertainty between optical loss measurements taken with different manufacturer's test equipment, or with the same test equipment but at a different time.

This EF testing requires a special multimode reference cable called a Mode Controller that ensures light exiting any EF-compliant Mode Controller reference cable always has a consistent modal pattern which is not effected by the use of different multimode light sources.

The use of EF-compliant test cables is typically focused on testing OM3/OM4 multimode fibre, running 10-gigabit or greater.

EF-compliant testing is not always required, but if it is, then you will need an Encircled Flux Test Lead.

Note: It is always good to consider the use of a 2m sacrificial lead on the end of the EF cord to protect the connector on the expensive EF cord, it also gives you the option to change the optical interface.

