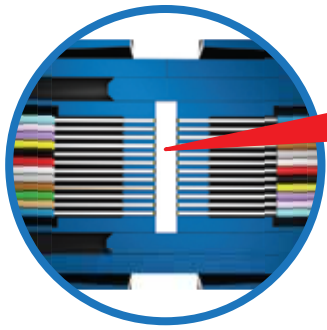


# AirMT MPO+PLUS<sup>®</sup>



Non Contact



**EXCELLENT  
CONNECTION ANYTIME**

## LOW INSERTION LOSS

Maintain stable and low insertion loss for MT, MPO Connection



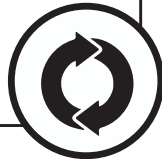
## LOWER MATING FORCE

Consistent optical performance with reduced spring force



## CONSISTENT MATING PERFORMANCE

Reliable connection is secured during and after repeated matings



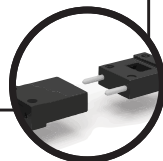
## EASY CLEANING

Clean an endface with simple Airblow



## INTERMATEABLE WITH STANDARD MT

Retrofit into existing network



## HIGH FIBER COUNT

Up to 32 Fibers



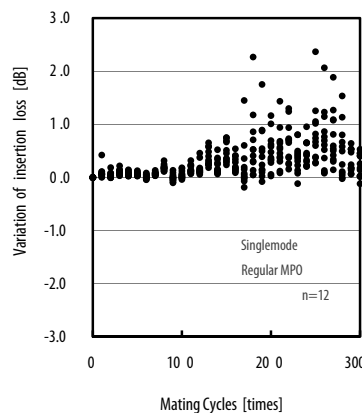
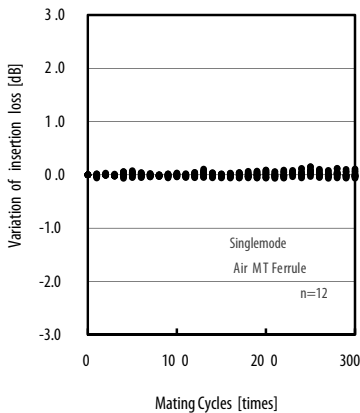
# SENKO®

## Advanced Components

The AirMT™ is designed to address two major challenges faced by regular physical contact multi-fiber optical connectivity solutions, such as MPO connectors.

The first challenge is that the MPO connector is highly sensitive all forms of contamination. With such a large endface and so many fibers, it is very difficult to ensure pristine condition for the entire surface area of the ferrule. Secondly, the standard MPO connector requires high spring force to achieve physical contact for MT to MT ferrules.

SPECIFICATIONS	SINGLE-MODE STANDARD (12 AND 24 FIBER)	SINGLE-MODE LOW LOSS (12 AND 24 FIBER)
Insertion Loss (dB)	<0.75	<0.50
Return Loss (dB)	>55	>55
Operating Temperature (°C)	-40 to +75	



The AirMT™ soars past the competition with its superior resistance to contamination, which in turn means less cleaning and quicker installations in harsh environments. Due to not being sensitive to contaminants the AirMT™ is very repeatable which can be seen on the graph on the left.

AirMT™ uses a lower spring force to meet IL of <0.5dB and a RL of >55dB, which are comparable to other physical contact MPO connectors.

### Application Example:

- Switch & Server fabrics
- Optical backplane interconnect
- Harsh Environment
- Wireless



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