

EXPANDED BEAM PERFORMANCE

is an advanced fiber optic solution available in a variety of connector series to meet the full range of application requirements.



- + Minimum maintenance necessary
- + Durable contact technology
- + Excellent optical performance under every condition

CONTACT TECHNOLOGY (EBP)

- 50,000 mating cycles
- No cleaning, only if necessary
- -65 °C to +105 °C
- Insertion loss*
 - SM: < 0,35 dB (typical) / < 0.7 dB (max.)
 - MM: < 0,15 dB (typical) / < 0.3 dB (max.)
- Return loss*
 - SM: > 60 dB (typical) / ≥ 55 dB (min.)
 - MM: > 45 dB (typical) / ≥ 35 dB (min.)

* Values are defined per contact side

	ODU MEDI-SNAP®	ODU AMC® Series T	ODU MINI-SNAP® Series K	ODU-MAC® White-Line / Silver-Line
Special feature	Light weight / non-magnetic	Ruggedized	Smallest footprint (OD 16.2 mm)	Automatic docking / Manual mating / Hybrid / Non-magnetic
Mating cycles	2,000	5,000	5,000	50,000
IP rating	IP64	IP6K9K	IP68	IP50 to IP67
Temperature	-40 °C to +85 °C DIN EN IEC 61300-2-47	-40 °C to +85 °C TIA/EIA-455-4C	-40 °C to +85 °C DIN EN IEC 61300-2-47	-40 °C to +85 °C DIN EN IEC 61300-2-47
Locking system	Push-Pull	Push-Pull / Threaded	Push-Pull	Spindle / Transverse / Lever
Housing material	Plastic	Metal	Metal	Metal / Plastic

SYSTEM SOLUTIONS

Even under environmental stress, the Expanded Beam Technology maintains high performance for up to 100,000 mating cycles while being easy to clean.

THE ODU FIBER OPTIC PORTFOLIO

also includes reliable physical contact and cost effective polymer optical-fiber system solutions, all available for circular and modular connectors.



Modular
fiber optic
solutions



- + GOF (multimode / singlemode) and POF system solutions
- + Fiber-only and hybrid systems
- + High number of mating cycles
- + Available as fully assembled solutions