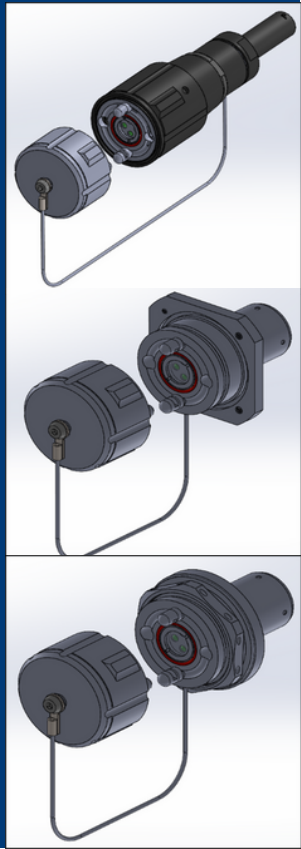


WBEAM

-FOSTEC **W**indowed **BEAM** Connector-

About

WBEAM connector is a non-contact optical connector designed for quickly establishing high-speed optical transmission links, even in harsh environments. It features a unique window shielding structure that provides enhanced environmental durability compared to previous non-contact designs. This makes it less susceptible to dust and contaminants, ensuring stable optical performance with easy maintenance. It has Hermaphroditic Twist Locking structure which allow to extend the length of the system using Plug to Plug multiple cable assemblies.



APPLICATION

- Mission Critical Combat and Communication Systems
- Mobile Tactical Shelters Electronic Battlefield Networks
- Navy shipboard, Surface Craft and Submarines
- Mining and Tunneling Equipment
- Offshore, Subsea System
- Oil and Gas Plant industries
- Communicating and control system for Railway



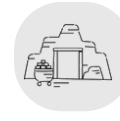
Defense



Railway



Broadcast



Mining



**Oil
Gas Plant**



Ship

Parameter	Multimode(@850nm/1300nm)
Insertion Loss	4ch Typical 0.75dB, Max 2.0dB
Operating Temperature	-40°C to +85°C
Thermal Shock	-55°C to +85°C
Mating Durability	10,000 Cycles
Water Immersion	IP68 (2meter, 48hrs)
Impact	26 Impacts @ 1.2m
Vibration	10 to 2000Hz / 15g
Shock (T.B.D)	50g for 11ms, EIA/TIA-455-14, Condition A
Salt Spray (T.B.D)	500 Hours