

## SHIP-TO-SHORE- ADAPTER

JOWO'S SHIP-TO-SHORE-ADAPTER CAN RESOLVE CLEANING PROBLEMS WHEN A CONTAINER SHIP OR CRUISELINER MUST CONNECT TO THE POWER PORT RECEPTACLE. PRESENT POWER CONNECTOR SYSTEMS ARE EQUIPPED WITH PHYSICAL CONTACT CONNECTORS WHICH HAVE TO BE CLEANED AND INSPECTED BEFORE EVERY MATING CYCLE. THEREFORE YOU WILL NEED SPECIAL CLEANING AND INSPECTION EQUIPMENT WHICH IS NORMALLY NOT AVAILABLE IN THE HARBOR OR ON THE SHIP SIDE. IN ADDITION ONLY TRAINED PERSONEL SHOULD HANDLE FIBER OPTICS TO PREVENT DAMAGES AND EXPENSIVE REPAIRS. UNCLEANED CONTAMINATED FERRULES CAN DAMAGE A BRAND NEW FERRULE ALREADY AFTER ONE MATING CYCLE.

EVEN A DUST CAP IS NO GUARANTY FOR CLEAN FERRULES IT JUST PROTECTS THE CONNECTER WHILE TRANSPORTATION. TO PREVENT COMPLICATED EXPENSIVE CLEANING ISSUES WE RECOMMEND TO USE THE EXPANDED BEAM TECHNOLOGY. THE ADVANTAGE IS THAT THE SENSITIVE FERRULES ARE SAVELY LOCATED BEHIND COLLIMATED BALL LENSES. EXPANDED BEAM CONNECTORS WILL PERFORM STABLE ATTENUATION VALUES EVEN AFTER MANY MATING CYCLES.

OUR ADAPTER IS DESIGNED TO CHANGE AN EXISTING PHYSICAL CONTACT CONNECTOR INTO AN EXPANDED BEAM CONNECTOR. THE ADAPTER SIMPLY HAS TO BE CONNECTED TO THE EXISTING CONNECTOR PERMANENTLY TO PROTECT IT

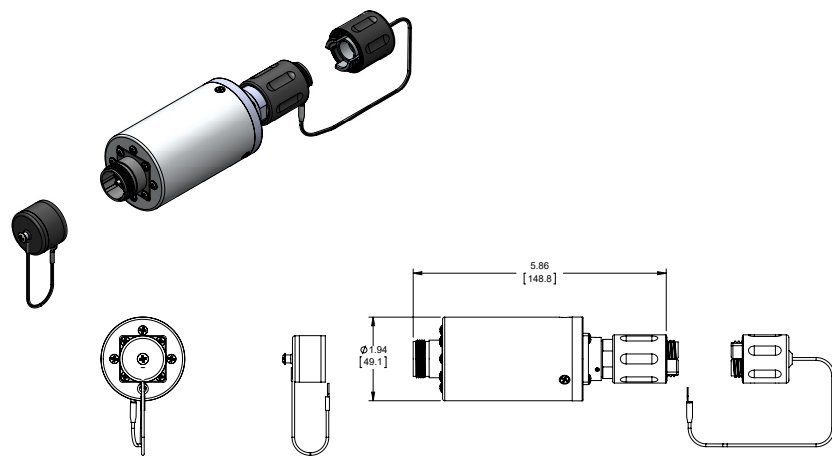
**YOUR  
ADAPTER FOR  
A CLEAN  
CONNECTION**

AND THE CONNECTION WILL BE DONE WITH AN ADDITIONAL EXPANDED BEAM ADAPTER CABLE. IT IS AVAILABLE FOR THE FOLLOWING PHYSICAL CONTACT CONNECTORS ( TFOL SERIES OR MIL-DTL-38999 SERIES III WITH M29504 FERRULES).

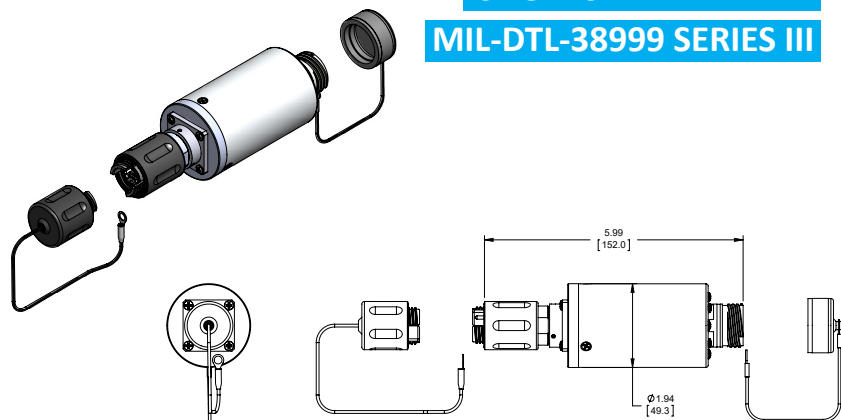
ON THE OTHER SIDE WE HAVE AN EXPANDED BEAM INTERFACE WHICH IS VERY RESISTAND AGAINST DUST AND DIRT. IT IS EASY TO INSPECT AND TO CLEAN WITHOUT SPECIAL EQUIPMENT. A TISSUE IS ENOUGH TO CLEAN THE EXPANDED BEAM CONNECTORS BEFORE YOU CONNECT THE FIBER OPTIC CONNECTORS. EVERY HARBOR EMPLOYEE CAN DO THAT WITHOUT ANY PROBLEMS.



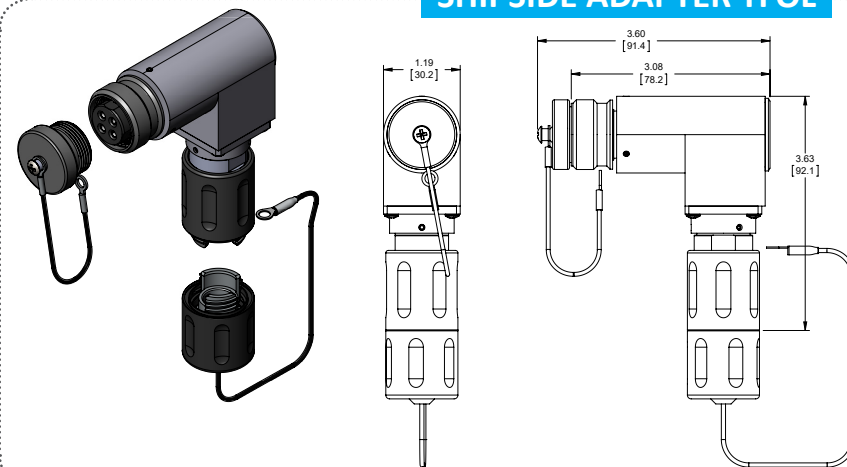
### SHORESIDE ADAPTER TFOL



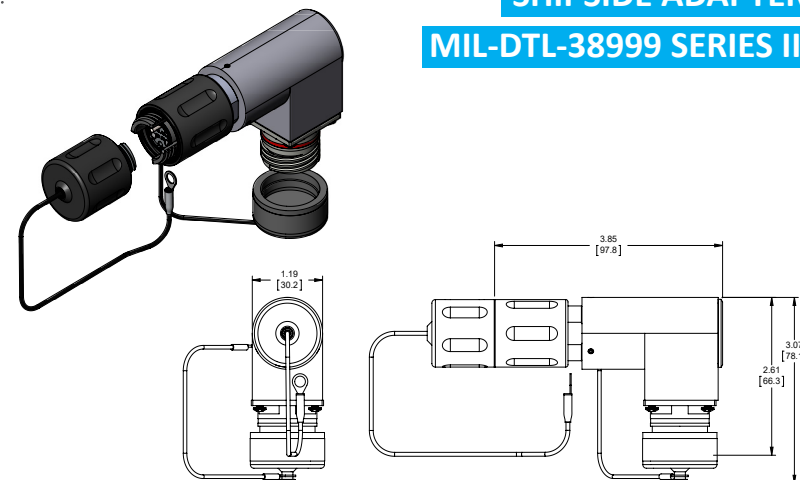
### SHORESIDE ADAPTER MIL-DTL-38999 SERIES III



### SHIPSIDE ADAPTER TFOL



### SHIPSIDE ADAPTER MIL-DTL-38999 SERIES III



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