



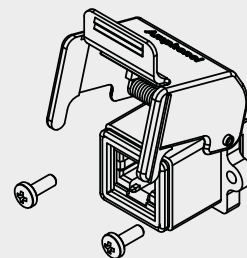
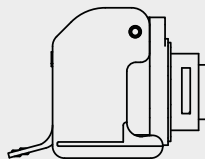
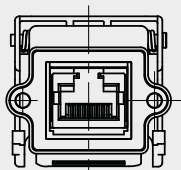
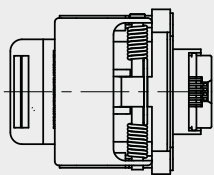
Features

- Provides a sealed adapter at the panel or bulkhead of equipment
- Interface is sealed in both the mated and un-mated conditions
- Adapter interface is available in modular jack or USB type A in a receptable to receptable configuration
- External plug kit can be assembled over most standard plug terminated cables after the cable is complete
- Spring loaded external cover of the receptable provides a positive lock for the mated plug, yet closes the mating area tightly when not in use



Markets

Amphenol's line of Rugged Bulkhead Adaptors serve many markets and applications across the globe including Transportation, Military, Medical and Industrial.



Photos Shown: ID-750-00

Technical Specifications

External Shell:	Die Cast Zinc, Nickel Plated
Internal Shield:	<i>Modular Jack</i> - Stainless Steel <i>USB Type A</i> - Copper Alloy, Nickel Plated
Inserts:	Engineering Thermoplastic, Glass Reinforced, UL94V-0, Black
Contacts:	Copper Alloy Plated with 0.76 μ m (30 μ ") min Gold over 1.27 μ m (50 μ ") min Nickel on the Mating Area
Internal Over-moulding:	<i>USB Type A Only</i> - Thermoplastic over UL1007 Wiring
Gaskets, O-rings, Split Washers:	Silicone Rubber
Mounting Screws	Stainless Steel
Operating Temperature:	-40°C to +85°C
Insertion Force:	<i>Modular Jack</i> - 20N (4.5lb _f) max <i>USB Type A</i> - 30N (7.9lb _f) max
Extraction Force:	<i>Modular Jack</i> - 20N (4.5lb _f) max with Latch Disengaged <i>USB Type A</i> - 10N (2.2lb _f) min
Durability:	Per EIA 364-09, 1500 Cycles
Vibration:	Per EIA 364-28 Condition II (10g, 10-500Hz), No Discontinuity $\geq 1\mu$ s
Shock:	Per EIA 364-27 Test Condition A (11ms, 50g, 1/2 Sine), No Discontinuity $\geq 1\mu$ s
Temperature Life:	Per EIA-364-17, Without Load, 85°C, 1000 Hours
Thermal Shock:	Per EIA-364-32, -55°C to +85°C, 10 Cycles
Humidity:	Per EIA-364-31, 10 Cycles, 240 Hrs, 25°C to 65°C, 90-95%RH, with -10°C Cold Shock
Current Rating:	1.5A max per Contact ($\Delta T \leq 30^\circ C$)
Contact Resistance:	<i>Modular Jack</i> - 20 m Ω max <i>USB Type A</i> - 30 m Ω max
Insulation Resistance:	<i>Modular Jack</i> - 500 M Ω min <i>USB Type A</i> - 1000 M Ω min
DWV:	<i>Modular Jack</i> -1000 VAC rms (between adjacent contacts),1500 VAC rms (contacts to ground) <i>USB Type A</i> - 500 VAC rms