

## BDC Bayonet Duplex Connector

### Key Features

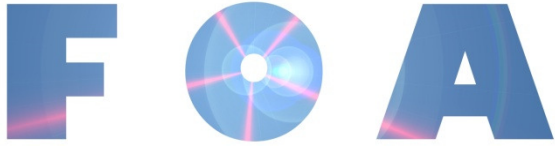


- Multimode & Singlemode Options
- 2.5mm Ceramic Ferrule
- IP68 Sealing
- Keyed shells for optimum repeatability
- Low insertion loss
- Protective caps for all styles
- >500 cycles mating durability

The FSBDC is based on the proven Pattern 105 size 10 series of electrical connectors. The bayonet coupling offers simplistic and quick mating/de-mating. The shell material can be brass, aluminium or marine bronze. Keying options provide superior alignment, optical performance and can also prevent misconnection. This connector series is compatible with tactical cable styles for the plug and simplex ruggedised cable for the receptacle both in multimode or singlemode.

An example of some of the markets where TACBeam® are used:

- Deployable Military Tactical Systems
- Military Land Communications & Vehicles
- Security and Surveillance
- Shipboard
- Telecommunications



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BDC

Bayonet Duplex Connector

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### Specification

<b>Insertion Loss</b>	<0.6dB @ 1300nm
<b>Fibre Types</b>	9/125, 50/125 & 62.5/125
<b>Mating Durability</b>	>500 cycles
<b>Operating Temperature</b>	-55°C to +125°C
<b>Material</b>	Brass, Aluminium, Marine Bronze
<b>Finish</b>	Electroless Nickel, Cadmium Olive Drab, Black Zinc Nickel
<b>Vibration</b>	10Hz to 5000Hz
<b>Mechanical Shock</b>	As per EN2591 Test FD2 D2 Method A