

BICONIC CONNECTORS

One of the original styles of fiber optic connectors, the Biconic fiber optic connector is still in use today, mostly for military applications. Our Biconic connector utilizes a screw type, spring loaded connection and features a cone-shaped polymer ferrule that helps to align the optical fibers at the connection interface.



Specifications	SM / MM
Insertion loss	≤ 0.50dB typical
Material - Body	Precision molded
Material - Ferrule	Thermoplastic
Fiber types	Singlemode / Multimode
Hole sizes	126micron / 127 micron
Concentricity	<1.5 micron
Temperature range	-40°C to +70°C

Features
• Threaded coupling
• Conical thermoplastic ferrule
• Spring loaded ferrule
• Easy termination
• Custom hole sizes available

Ordering Information

Part Number	Description
CB80-005	BICONIC connector kit, singlemode, 126 micron ferrule
CB80-040	BICONIC connector kit, multimode, 127 micron ferrule
CB80-xxx	BICONIC connector kit, with custom ID size (please specify)
CCS-080001-1	BICONIC TERMINI (replacement ferrule, 126 micron)
CCS-080002-1	BICONIC TERMINI (replacement ferrule, 127 micron)
CCS-080H01	Hardware for termini (Spring, C-Clips, Washer)