

# ST Plus Connectors

KSI developed the ST Plus connectors to meet the needs of medical and other specialized applications. These connectors are made with a nickel plated brass body and bayonet housing, and feature pre-domed, high quality zirconia ferrules with a wide range of inside diameters from 80um to 1000um.



The ST Plus connectors can also be made with custom flange bodies of various materials, as well as with stainless steel or alumina type ferrules.

### Features:

- Bayonet style housing
- Precision alignment
- High reliability and repeatability
- Zirconia ferrules with custom hole sizes

### Applications:

- Medical / Surgical
- Laser systems
- Industrial

### Specifications:

Inserion Loss (SM Fibers)	dB	<0.20
Inserion Loss (62.5/125 um Fibers)	dB	<0.30
Max.Tensile Strength of Cable	N	120
Mating Durability	Cycles	>1000
Operating Temperature	Celsius	-40°C to +85°C

### Ordering Information:

Product ID	Body Material	Ferrule Type	Ferrule ID	Boot Type	Boot Color
STP	B	Z	142	A3	1
	B = Standard S = Stainless	A = Alumina Z = Zirconia S = Stainless	80 um 126 um 142 um 176 um 235 um 300 um 400 um 600 um	A0 = None A1 = 900um A2 = 2 mm A3 = 3 mm	0 = None 1 = Black 2 = Blue 3 = Red

\* Ferrule ID's 280um, 460um, 780um, 1000um, and other sizes are available upon request.