

OFS, Specialty Photonics Division

55 Darling Drive

Avon, CT 06001

Phone: 860-678-0371 • **Fax:** 860-674-8818**Email:** info@specialtyphotonics.com • **Website:**http://www.specialtyphotonics.com**Item # BP05065-12, ST™ Connectors for Step-Index 200/230µm HCS®****ST™ Connectors for Step-Index 200/230µm HCS®**

OFS ST™ bayonet style connector system is compatible with OFS Crimp and Cleave Termination Kits. The ST connector takes advantage of the advanced optomechanical properties of HCS fiber, attaching through mechanical means rather than traditional epoxy/polish. This saves time and greatly simplifies installer training requirements. It is an excellent solution for field connectorization and repair in harsh, industrial environments. No epoxy, no curing, no polishing steps. Quick, easy, reliable.



· [CONNECTOR PERFORMANCE DATA](#) · [CABLE DESIGN](#) · [COMPATIBILITY](#) · [ACCESSORIES](#) · [ASSEMBLIES](#) · [TYPICAL APPLICATIONS](#)

CONNECTOR PERFORMANCE DATA

Insertion Loss	typical (Step-Index HCS®) @ 850 nm, 1.5 dB typical (Graded-Index HCS®) @ 850 nm, 1.7 dB
Operating Temperature	-40 to 80 °C
Cable Crimp Retention	50 lb 223 N
Overall Length	2.7 in 68.6 mm

CABLE DESIGN

Jacket Diameter	2.2 mm
-----------------	--------

COMPATIBILITY

For Use With Cable Types	Step-Index 200/230µm HCS® Cables
Compatible Field Termination Kit	DT03732-32, Crimp & Cleave ST™ Termination Kit DT03732-41, Crimp & Cleave ST™ Termination Kit
Compatible Insertion Loss Test Kit	P10188-03, ST™ Insertion Loss Test Kit P10188-08, Multi-Set (4-Types: V-Pin, ST™, SMA, and F07) Insertion Loss Test Kit P10188-10, ST™ Insertion Loss Test Kit

ACCESSORIES

ASSEMBLIES

All ST™ Connectors can be provided on respective HCS® cable constructions as factory terminated and fully tested assemblies. Please call Technical Support for information at 1-888-438-9936.

TYPICAL APPLICATIONS

Data Communicatoins Link

Factory Automation Systems

Near-IR Spectroscopy

Programmable Logic Control Systems
