



A Furukawa Company

2.2 mm ST Connector for Step-Index and Graded-Index HCS[®]

P/N: BP05065-12



Overview

OFS ST bayonet style connector system is compatible with OFS Crimp and Cleave Termination Kits. The crimp and cleave 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.



REMOVE



STRIP



CRIMP



CLEAVE

Typical Applications

Data Communication Links
Factory Automation Systems
Near-IR Spectroscopy
Programmable Logic
Control Systems



A Furukawa Company

2.2 mm ST Connector for Step-Index and Graded-Index HCS®

P/N: BP05065-12

Product Specifications	
Product Description	2.2 mm ST Connector for Step-Index and Graded-Index HCS
Specifications	
For Use with Optical Fiber Cable Types	200/230 µm Step-Index HCS Cables 50 µm and 62.5 µm Graded-Index HCS Cables
Overall Length	2.7 in. (68.6 mm)
Connector Performance Data	
Typical (Graded-Index HCS) Insertion Loss @ 850 nm	1.7 dB
Typical (Step-Index HCS) Insertion Loss @ 850 nm	1.5 dB
Operating Temperature	-40 to +80 °C
Cable Crimp Retention	50 lb. (223 N)
Cable Design	
Jacket Diameter	2.2 mm
Compatibility	
Compatible Field Termination Kit	DT03732-32 Crimp & Cleave ST 200 µm Termination Kit DT03732-41 Crimp & Cleave ST 50/62.5 µm Termination Kit
Compatible Insertion Loss 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	
ST Mating Adapter	AP01960
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.	
Order by Part Number	BP05065-12

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



Copyright © 2020 OFS Fitel, LLC.
All rights reserved, printed in USA.

OFS Marketing Communications
Date: 01/20

HCS is a registered trademark of OFS Fitel, LLC. OFS reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.