



A Furukawa Company

2.2 mm ST Connector for 400/430 μm Step-Index HCS[®]

P/N: BP05065-42



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



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| Product Specifications | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Product Description | 2.2 mm ST Connector for 400/430 μm Step-Index HCS |
| Specifications | |
| For Use with Optical Fiber Cable Types | Step-Index 400/430 μm 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 | DT03732-35 Crimp & Cleave ST 400 μm Termination Kit |
| Compatible Insertion Loss Kit | P10188-04 ST Insertion Loss Test Kit P10188-09 Multi Set (3-Types: V-Pin, ST, SMA) 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 | BP05065-42 |

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.



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