



A Furukawa Company

## 3.0 mm SMA 905 Connector for Step-Index 400/430 $\mu\text{m}$ HCS<sup>®</sup>

P/N: BF05061-44



### Overview

OFS SMA 905 threaded connector system is compatible with OFS Crimp and Cleave Termination Kits. The crimp and cleave SMA 905 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
- Industrial Applications
- Laser Power Delivery
- Military Applications
- Near-IR Spectroscopy
- Programmable Logic Control Systems



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Product Specifications	
Product Description	3.0 mm SMA 905 Connector for Step-Index 400/430 μm HCS
Specifications	
For Use with Optical Fiber Cable Types	Step-Index 400/430 μm HCS Cables
Overall Length	2.5 in. (63.5 mm)
Connector Performance Data	
Typical Insertion Loss	1.0 dB
Maximum Insertion Loss	1.5 dB
Operating Temperature	-40 to +80 °C
Cable Crimp Retention	50 lb. (223 N)
Cable Design	
Jacket Diameter	3.0 mm
Compatibility	
Compatible Field Termination Kit	DT03732-36 Crimp & Cleave SMA 400 μm Termination Kit
Compatible Insertion Loss Kit	P10188-06 SMA Insertion Loss Test Kit P10188-09 Multi-Set (3 Types: V-Pin, ST, SMA) Insertion Loss Test Kit
Accessories	
SMA 905 Mating Adapter	AP01618
Assemblies	
All SMA 905 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	BP05061-44

For additional information please contact your sales representative.

You can also visit our website at [www.ofsoptics.com](http://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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