

OFS, Specialty Photonics Division

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Phone: 860-678-0371 • **Fax:** 860-674-8818**Email:** info@specialtyphotonics.com • **Website:** http://www.specialtyphotonics.com**Item # BP05061-11, SMA 905 Connectors for Step-Index 200/230µm HCS®****SMA 905 Connectors for Step-Index 200/230µm HCS®**

OFS SMA 905 threaded connector system is compatible with OFS Crimp and Cleave Termination Kits. The 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.

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CONNECTOR PERFORMANCE DATA

Insertion Loss	max., 1.5 dB typical, 1.0 dB
Operating Temperature	-40 to 80 °C
Cable Crimp Retention	50 lb 223 N
Overall Length	2.5 in 63.5 mm

CABLE DESIGN

Jacket Diameter	1.8 mm
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COMPATIBILITY

For Use With Cable Types	Step-Index 200/230µm HCS® Cables
Compatible Field Termination Kit	DT03732-23, Crimp & Cleave Harsh Environment SMA Termination Kit
Compatible Insertion Loss Test Kit	P10188-05, SMA Insertion Loss Test Kit P10188-08, Multi-Set (4-Types: V-Pin, ST™, SMA, and F07) Insertion Loss Test Kit

ACCESSORIES

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.

TYPICAL APPLICATIONS

Data Communication Links

Factory Automation Systems

Industrial Applications

Laser Power Delivery

Military Applications

Near-IR Spectroscopy

Programmable Logic Control Systems
