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**Item # BP05061-12, SMA 905 Connectors for Step-Index 200/230µm HCS®**

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**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<br>typical, 1.0 dB |
| Operating Temperature | -40 to 80 °C                    |
| Cable Crimp Retention | 50 lb<br>223 N                  |
| Overall Length        | 2.5 in<br>63.5 mm               |

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**CABLE DESIGN**

|                 |        |
|-----------------|--------|
| Jacket Diameter | 2.2 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<br>P10188-08, Multi-Set (4-Types: V-Pin, ST™, SMA, and F07) Insertion Loss Test Kit |

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**ACCESSORIES**

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## 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.

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## 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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