



### Optical Head Adapter

These adapters are to be used with Agilent optical heads only. The connector adapters are needed to attach connectorized fibers. Optical Head Adapters – with integral D-shape for 8162xx optical head (except 81628B – see threaded version)

<b>81001FA</b>	FC/PC, FC/APC
<b>81001KA</b>	SC
<b>81001LA</b>	LA/F3000
<b>81001PA</b>	E2000
<b>81001MA</b>	MU
<b>81000ZA</b>	Blank Adapter

Optical Head Adapters – with threaded version for 81628B optical heads

<b>81000FA</b>	FC/PC, FC/APC
<b>81000KA</b>	SC
<b>81003LA</b>	LA/F3000
<b>81000PA</b>	E2000
<b>81000VA</b>	ST
<b>81003TD</b>	MTP (for female connectors only)

Connector Adapter for Optical Heads

<b>81624DD</b>	D-shaped adapter to be used with the Agilent 8162xx optical heads. Adapter to interface, 8100xx connector
----------------	---

### Optical Connector Interface

Used with Agilent lightwave instruments and modules. Not to be used with optical heads. These flexible connector interfaces can be exchanged by the user and allow easy cleaning of instrument front-end interfaces. Optical Connector Interface – for straight and angled, physical and non-physical contact. All connectors are available for straight and angled connection, unless otherwise noted.

<b>81000FI</b>	FC/PC
<b>81000NI</b>	FC/APC
<b>81000KI</b>	SC
<b>81000LI</b>	LC/F3000 (PC)
<b>81002LI</b>	LC/F3000 (APC)
<b>81000HI</b>	E2000 (PC)
<b>81000PI</b>	E2000 (APC)
<b>81000MI</b>	MU (PC)
<b>81002MI</b>	MU (APC)
<b>81000VI</b>	ST

### Bare Fiber Adapters and Interfaces



<b>81000BC</b>	Bare Fiber Connectivity Set for 81623B, 81624B and 81626B (1x head Adapter, 1x 0-400 $\mu$ m holder, 1x 400-900 $\mu$ m holder, 1x gauge)
<b>81000BI</b>	Bare Fiber Connectivity Set for 81630B and 81634B (1x sensor adapter, 1x 0-400 $\mu$ m holder, 1x 400-900 $\mu$ m holder, 1x gauge)
<b>81004BH</b>	Bare Fiber Holder Set (10x 0-400 $\mu$ m holder)
<b>81009BH</b>	Bare Fiber Holder Set (10x 400-900 $\mu$ m holder)

### Lenses

Used with the Agilent optical heads in combination with an optical head adapter.

<b>81050BL</b>	Lens, effective focal length of lens = 6.2mm, $NA_{max} = 0.37$ , wavelength range 900 to 1700 nm, for multi-mode fibers with $NA \leq 0.3$
<b>81010BL</b>	Lens, effective focal length of lens = 2.9mm, $NA_{max} = 0.19$ , wavelength range 900 to 1700 nm, for single-mode fibers with $NA \leq 0.13$

### Universal Through Adapter

In combination with an Agilent 81000xl connector interface, this adapter allows you to mate an HMS-10 connector to another HMS-10, FC/PC/SPC, APC, DIN, ST, E-2000, or SC connector. It can also be used to mate an Agilent 81000BR reference reflector to a connector under test. The Agilent 81000UM is a through adapter only. It can not be used at the fiber interfaces of the modules. 81000UM Universal Through Adapter

### Reference Reflector

A gold-plated HMS-10 connector for use in measuring return loss of optical connectors. It allows you to establish a precise reference for reflection measurements. Return loss is  $0.18\text{dB} \pm 0.1\text{dB}$  ( $96\% \pm 2\%$ )

<b>81000BR</b>	Reference Reflector
----------------	---------------------