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Find the *Exfo IQS-9601-03-EI* at our website: *Click HERE*

# IQS-9600 Utility Module




40G

100G

SPEC SHEET

Secures and standardizes the integration of couplers, isolators, filters and Bragg gratings into the IQS-600 Integrated Qualification System.

## INTEGRATED COUPLERS AND SPLITTERS

To help you easily develop your test setup, EXFO has integrated singlemode couplers often required in monitoring, EDFA testing and other fundamental applications. Several couplers are available: 1 x 2 couplers, with different coupling ratios (50/50, 25/75, 1/99, 5/95, 10/90), as well as 1 x 4 and 1 x 8 arrangements. The package includes a polished angled (EA) or non-angled (EI) connector, compatible with EXFO's Universal Interface (EUI).

## SECURING PASSIVE OPTICAL COMPONENTS

The IQS-9600 Utility Module secures and standardizes the integration of couplers, isolators, filters and Bragg gratings into the IQS-based test systems. Without it, these passive optical components end up loose on the workbench and may be damaged or misaligned.

The IQS-9600 Utility Module consists of empty IQS module frames designed to house non-electronic elements (no electrical connections) in the IQS-based test systems. The module comes with tie wraps, brackets and holders for mounting components. Choose from two models: the IQS-9601 single-slot or the IQS-9602 dual-slot modules.

## PLATFORM COMPATIBILITY



**Integrated Qualification System**
IQS-600

**Intelligent Test system**
IQS-500

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## GENERAL SPECIFICATIONS

| Model | IQS-9601 | IQS-9602 |
|---|---|---|
| Number of slots | 1 | 2 |
| Size (H x W x D) | 12.5 cm x 3.6 cm x 28.2 cm<br>4 15/16 in x 1 7/16 in x 11 1/8 in | 12.5 cm x 7.4 cm x 28.2 cm<br>4 15/16 in x 2 15/16 in x 11 1/8 in |

**Standard accessories (with empty modules only)**
10 tie wraps, 2 gray holders, 3 component holders, 10 fiber holders, 10 tie wrap holders with rings, 5 cm (2 in) of double-sided adhesive tape, and 1 Allen key (0.05 in)

| Coupler | IQS-9601-03-B04-XX | IQS-9601-03-B05-XX | IQS-9601-03-B06-XX | IQS-9601-05-B07-XX | IQS-9602-09-B08-XX (C-Band) | IQS-9602-09-B09-XX (L-Band) | IQS-9601-03-B10-XX | IQS-9601-03-B11-XX |
|---|---|---|---|---|---|---|---|---|
| Coupling ratio | 10/90 | 1/99 | 50/50 | 1 x 4 | 1 x 8 | 1 x 8 | 5/95 | 25/75 |
| Fiber type (µm) | 9/125 | 9/125 | 9/125 | 9/125 | 9/125 | 9/125 | 9/125 | 9/125 |
| Wavelength (nm) | 1550 | 1550 | 1310/1550 | 1310/1550 | 1550 | 1585 | 1310/1550 | 1550 |
| Bandpass (nm) | 1510/1590 | 1530/1565 | 1270/1350<br>1510/1590 | 1270/1350<br>1510/1590 | 1510/1590 | 1545/1625 | 1270/1350<br>1510/1590 | 1520/1570 |
| Insertion loss[a] (dB) | (10/90)<br>≤ 10.8/≤ 0.6 | (1/99)<br>≤ 21.0/≤ 0.5 | ≤ 3.9 | ≤ 7.5 | ≤ 10.2 | ≤ 10.8 | (5/95)<br>≤ 15.0/≤ 1.0 | (25/75)<br>≤ 6.4/≤ 2.1 |

## ORDERING INFORMATION

*IQS-9600 Utility Module with integrated coupler*

**IQS-96XX-XX**

**Model**
IQS-9601-03-B04 = One slot, 1 x 2 coupler 10/90
IQS-9601-03-B05 = One slot, 1 x 2 coupler 1/99
IQS-9601-03-B06 = One slot, 1 x 2 coupler 50/50
IQS-9601-03-B10 = One slot, 1 x 2 coupler 5/95
IQS-9601-03-B11 = One slot, 1 x 2 coupler 25/75
IQS-9601-05-B07 = One slot, 1 x 4 coupler 25/25/25/25
IQS-9602-09-B08 = Two slots, 1 x 8 coupler (C band)
IQS-9602-09-B09 = Two slots, 1 x 8 coupler (L band)

**Connector**
EI-EUI-28 = UPC/DIN 47256
EI-EUI-76 = UPC/HMS-10/AG (EI only)
EI-EUI-89 = UPC/FC narrow key
EI-EUI-90 = UPC/ST (EI only)
EI-EUI-91 = UPC/SC
EI-EUI-95 = UPC/E-2000
EI-EUI-98 = UPC/LC
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000
EA-EUI-98 = APC/LC

Example: IQS-9601-03-B04-EI-EUI-89

*IQS-9600 Utility Module*

**IQS-96XX-XX**

**Model**
IQS-9601-00 = One slot, no predrilled hole
IQS-9601-03 = One slot with three connectors
IQS-9601-05 = One slot with five connectors
IQS-9602-00 = Two slots, no predrilled hole
IQS-9602-09 = Two slots with nine connectors
IQS-9602-13 = Two slots with thirteen connectors

**Connector**
EI-EUI-28 = UPC/DIN 47256
EI-EUI-76 = UPC/HMS-10/AG (EI only)
EI-EUI-89 = UPC/FC narrow key
EI-EUI-90 = UPC/ST (EI only)
EI-EUI-91 = UPC/SC
EI-EUI-95 = UPC/E-2000
EI-EUI-98 = UPC/LC
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000
EA-EUI-98 = APC/LC

Example: IQS-9601-03-B04-EI-EUI-89

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SPIQS9600.5AN
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Printed in Canada 15/04

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