IQS-9600 Utility Module

40G

100G

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

EXFO

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 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 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 1510/1590	1270/1350 1510/1590	1510/1590	1545/1625	1270/1350 1510/1590	1520/1570
Insertion loss[a] (dB)	(10/90) ≤ 10.8/≤ 0.6	(1/99) ≤ 21.0/≤ 0.5	≤ 3.9	≤ 7.5	≤ 10.2	≤ 10.8	(5/95) ≤ 15.0/≤ 1.0	(25/75) ≤ 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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