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Utility Module

IQ-9600







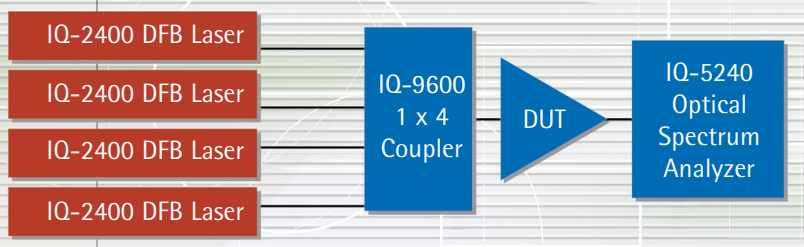


The IQ-9600 Utility Module secures and standardizes the integration of couplers, isolators, filters and Bragg gratings into the IQ-200 Optical Test System. Without it, these passive optical components end up loose on the workbench and may be damaged or misaligned.

The IQ-9600 Utility Module consists of empty IQ module frames designed to house non-electronic elements (there are no electrical connections) in the IQ-200 Optical Test System. The module comes with tie wraps, brackets and holders for mounting components. Choose from two models: the IQ-9601 single-slot or the IQ-9602 dual-slot modules.

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).

Simplified EDFA test setup



Fiber-optic T&M, monitoring, manufacturing and assembly solutions

EXFO

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Specifications

Model	IQ-9601	IQ-9602
Number of slots	1	2
Internal size (cm)	10.2 x 3.2 x 25.8	10.2 x 7.0 x 25.8
(H x W x D) (in)	4 x 1 1/4 x 10 1/8	4 x 2 3/4 x 10 1/8

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)

Model	IQ-9601-03-B04-XX	IQ-9601-03-B05-XX	IQ-9601-03-B06-XX
Coupling ratio	10/90	1/99	50/50
Fiber type (µm)	9/125	9/125	9/125
Wavelength (nm)	1550	1550	1310/1550
Bandpass (nm)	1510/1590	1530/1565	1270/1350
			1510/1590
Insertion loss[1] (dB)	(10/90) ≤ 10.8/≤ 0.6	(1/99) ≤ 21.0/≤ 0.5	≤ 3.9

[1]Excluding connectors

Model	IQ-9601-05-B07-XX	IQ-9602-09-B08-XX (C-Band)	IQ-9602-09-B09-XX (L-Band)
Coupler type	1 x 4	1 x 8	1 x 8
Fiber type (µm)	9/125	9/125	9/125
Wavelength (nm)	1310/1550	1550	1585
Bandpass (nm)	1270/1350	1510/1590	1545/1625
	1510/1590		
Insertion loss[1] (dB)	≤ 7.5	≤ 10.2	≤ 10.8

Model	IQ-9601-03-B10-XX	IQ-9601-03-B11-XX
Coupling ratio	5/95	25/75
Fiber type (µm)	9/125	9/125
Wavelength (nm)	1310/1550	1550
Bandpass (nm)	1270/1350	1520/1570
	1510/1590	
Insertion loss[1] (dB)	(5/95) ≤ 15.0/≤ 1.0	(25/75) ≤ 6.4/≤ 2.1

Ordering Information

IQ-9600 Utility Module with integrated coupler

IQ-96XX-XX

Model

IQ-9601-03-B04 = 1 slot, 1 x 2 coupler 10/90
IQ-9601-03-B05 = 1 slot, 1 x 2 coupler 1/99
IQ-9601-03-B06 = 1 slot, 1 x 2 coupler 50/50
IQ-9601-03-B10 = 1 slot, 1 x 2 coupler 5/95
IQ-9601-03-B11 = 1 slot, 1 x 2 coupler 25/75
IQ-9601-05-B07 = 1 slot, 1 x 4 coupler 25/25/25/25
IQ-9602-09-B08 = 2 slots, 1 x 8 coupler C-Band
IQ-9602-09-B09 = 2 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
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000

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

IQ-9600 Utility Module

IQ-96XX-XX

Model

IQ-9601-00 = 1 slot, no predriled hole
IQ-9601-03 = 1 slot with three connectors
IQ-9601-05 = 1 slot with five connectors
IQ-9602-00 = 2 slots, no predriled hole
IQ-9602-09 = 2 slots with nine connectors
IQ-9602-13 = 2 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
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000

Example: IQ-9601-03-EI-EUI-89

CORPORATE HEADQUARTERS	465 Godin Avenue	Vanier (Quebec) G1M 3G7 CANADA	Tel.: 1 418 683-0211 . Fax: 1 418 683-2170
EXFO AMERICA	1201 Richardson Drive, Suite 260	Richardson TX 75080 USA	Tel.: 1 800 663-3936 . Fax: 1 972 907-2297
EXFO EUROPE	Le Dynasteur, 10/12 rue Andras Beck	92366 Meudon la Forêt Cedex FRANCE	Tel.: +33.1.40.83.85.85 . Fax: +33.1.40.83.04.42
EXFO ASIA-PACIFIC	151 Chin Swee Road, #03-29 Manhattan House	SINGAPORE 169876	Tel.: +65 6333 8241 . Fax: +65 6333 8242
EXFO CHINA	Beijing New Century Hotel Office Tower, Room 1754-1755 No. 6 Southern Capital Gym Road	Beijing 100044 P. R. China	Tel.: +86 (10) 6849 2738 · Fax: +86 (10) 6849 2662
TOLL-FREE (USA and Canada)	Tel.: 1 800 663-3936	www.exfo.com • info@exfo.com	

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