ChromaFlex

Chassis:
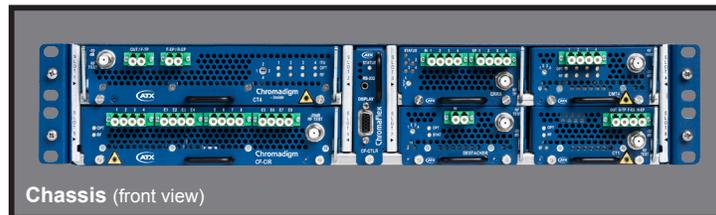
Features:

▸ 2RU high density chassis

▸ 1.2 GHz RF interfaces

▸ Eight non-exclusive application module slots

▸ Up to 16 DWDM Chromadigm transmitter wavelengths with integrated multiplexers

▸ Up to 32 return path receivers

▸ Rear access, hot-swappable, load-sharing, redundant, dual power supplies

▸ Front access optical connections

▸ Passive mid-plane design

▸ Rear panel RF connections

▸ Local CLI & remote SNMP v2c, Web GUI & Telnet Monitoring

The ChromaFlex chassis is the main component of the ChromaFlex platform. Housed together in the chassis are the power supplies, application modules, & a controller module. The chassis incorporates a mid-plane design with application modules inserted in the front & power supplies, RF & LAN connections in the rear. The chassis provides eight non-exclusive application module slots for flexibility in service deployment options. Modules may occupy a single or dual slot dependent on the type of module.

Examples of application modules include:

▸ Chromadigm hybrid full-spectrum DWDM transmitter

▸ Direct modulated full-spectrum transmitters

▸ EDFA

▸ Return path receivers

▸ Return path destacker (see I-HUB Opto-stacker Modules datasheet)

▸ Optical switch

▸ RF switch

Chassis (front view)

Chassis (rear view)

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ChromaFlex

Chassis:

Chassis Specifications

SPECIFICATIONS		
INTERFACES		
FRONT	APPLICATION MODULE SLOTS	8
CONTROLLER MODULE	RS232	3mm Jack
REAR	POWER SUPPLY MODULES	2 AC or DC
	RF CONNECTIONS	32 (4/slot) Type F (Female)
	LAN	RJ 45 10/100BASE-T Ethernet
	ALARM	DB-9
	GROUND LUG	x2 (0.625" pitch, 1/4" screw)
NETWORK MANAGEMENT		
LOCAL		GUI or CLI
REMOTE		GUI, Telnet, SNMP v2c
ENVIRONMENTAL		
OPERATING TEMPERATURE		0ºC to +50ºC (+32ºF to +122ºF)
STORAGE TEMPERATURE		-40ºC to +85ºC (-40ºF to +185ºF)
HUMIDITY		5-85% Non-condensing
PHYSICAL		
DIMENSIONS		2RU, 3.5"H x 19.0"W x 25.5"D (8.89H x 48.26W x 64.8D cm)
WEIGHT[1]		15.0 lbs (6.8 kg)

NOTE:
 (1) Weight does not include modular power supplies or controller card.

Ordering Information

Part Number	Description
CF-CH	ChromaFlex Chassis, 2RU, Eight Single or Four Dual-width Applications Module Slots
CF-BPK	ChromaFlex Blank Panel Kit (Includes one single & three dual blank panels)
CF-CTLR	ChromaFlex Controller Module
CF-CLI-SC	DB9 Serial Cable to 3.5 mm Jack for ChromaFlex CLI Interface
CF-PS-AC	ChromaFlex AC Power Supply Module (Includes 6 ft. cord, NEMA 5-15 Type-B AC connector)
CF-PS-DC	ChromaFlex DC Power Supply Module (No input cord included, recommend AWG 16-18, #6 spade or ring tongue terminal, example TE32561/TE36152)
DSP-HHU	Hand-held Display Unit, Local Monitor & Control Interface with the I-HUB Control Module, Display Interface with the ChromaFlex Chassis, DB15 Cable Included
CF-MMB-KIT	Optional Mid-chassis Mounting Bracket (Includes two ears & eight screws)
CF-TFP-KIT	Optional Fiber Management Kit for CF-CH (Includes two brackets, two ears, one bar & eight screws)
CF-BPK-S10	ChromaFlex Blank Panel Kit (Includes 10 single panels)

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powered by InnoTrans

Specifications subject to change without notice.

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