

## 8 OR 10 CHANNEL CWDM MULTIPLEXERS AGX MODULE

### FEATURES

- Combines/separates up to 10 channels with 20 nm spacing
- 10CH (1430 – 1610nm in 20nm steps)
- Low Insertion Loss
- High Isolation
- Low PDL
- Small LGX foot print (102x155x25mm)
- Good channel-to-channel uniformity
- Optional Integrated 1310nm combiner port
- High Reliability and Stability

### APPLICATIONS

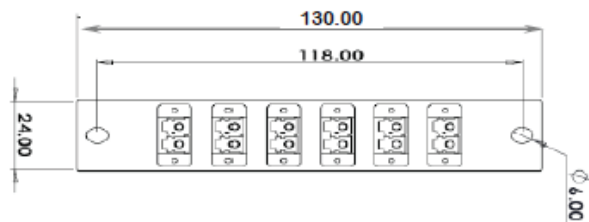
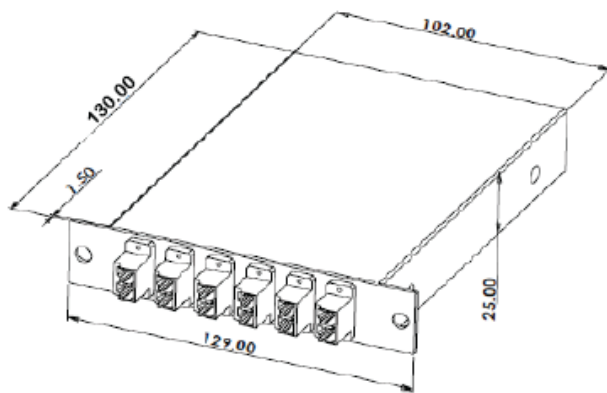
- CWDM System
- PON Networks
- CATV Links

### COMPLIANCE

- Telcordia GR-1209-CORE-2001
- Telcordia GR-1221-CORE-1999
- RoHS



### MECHANICAL DIMENSIONS



## SPECIFICATIONS

PARAMETER		SPECIFICATION
Center Wavelength (nm)		1310 / $\lambda 1 \sim \lambda 10$
Passband (nm) 1310 $\pm$ 40 & ITU $\pm$ 6.5		1310 $\pm$ 40 & ITU $\pm$ 6.5
Operating Wavelength (nm)		1260~1620
Channel Space (nm)		20
IL (dB)	CWDM Channel	<2.2
	1310nm Channel	$\leq 1.8$
Isolation (dB)	Adjacent Channel	>35
	Non-Adjacent Channel	$\geq 45$
	1310nm Channel	$\geq 45$
Directivity (dB)		>50
Ripple (dB)		<0.5
PDL (dB)		<0.2
PMD (ps)		<0.1
RL (dB)		>45
Maximum Optical Power (mw)		<300
Operating Temperature ( $^{\circ}$ C)		-40~85
Storage Temperature ( $^{\circ}$ C)		-40~85
Package (mm) (LGX module)		(50x50x6)
Connectors		SC/APC, SC/UPC, LC/APC, LC/UPC

Note: specified with connectors  
 Specifications subject to change without prior notice  
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## ORDERING MATRIX

	# of CH	Module Type	Initial Wavelength	Package	Optical Connector
<b>LBCC</b>	- <b>XX</b>	- <b>X</b>	- <b>XX</b>	- <b>AGX</b>	- <b>XX</b>
	8	M = Mux/Demux	43=1430nm		LA= LC/APC
	10	1= Mux/Demux + 1310 port	45=1450nm		LU= LC/UPC
		2= Mux/Demux + 1310 port + Mon port	47=1470nm		

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