

1. Ordering Information

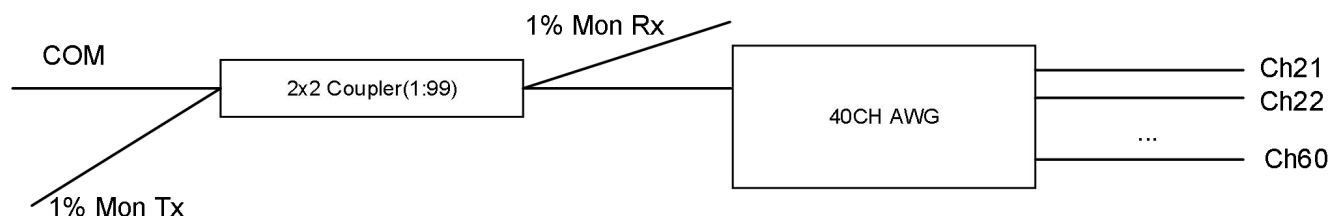
Part Number	Description
AC-DMUX-1RU-AWG-40CH:21-60	40channel Flat Top Athermal AWG Ch21~Ch60, 100G Mux or DeMux Module, Dual 1% Monitor Port, LC/UPC Connectors, 1U19" RackMount

2. Specification

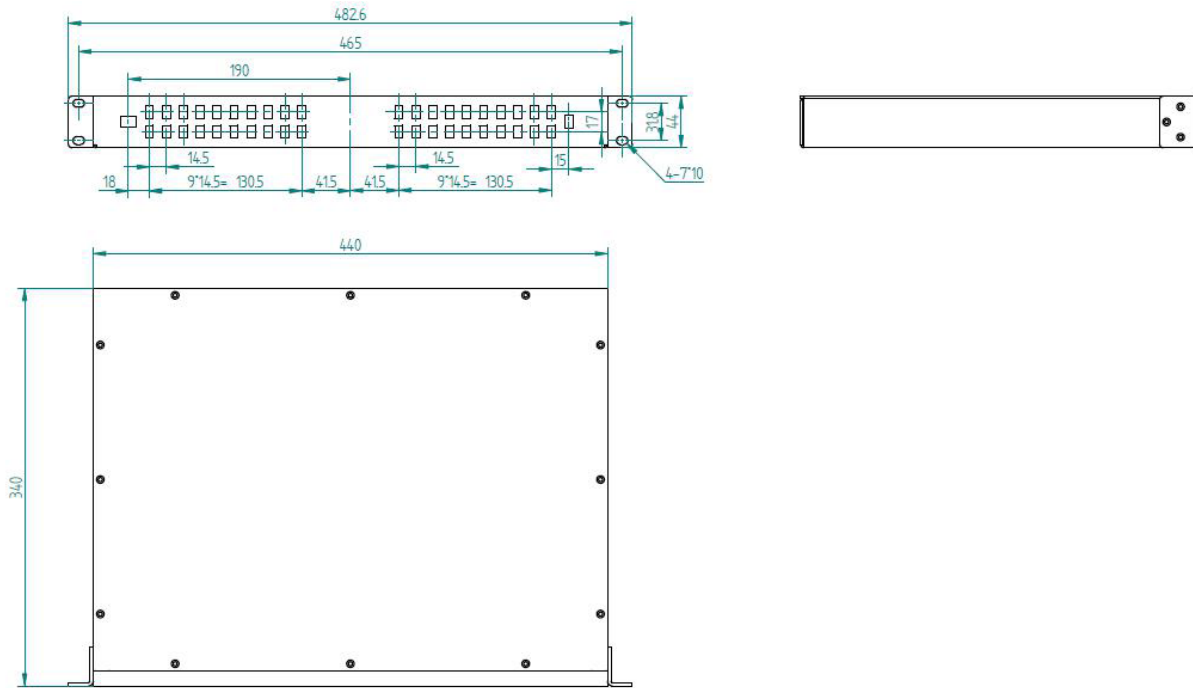
Parameter		Specification	Units
Channel number		40	-
Channel spacing		100	G
Central Wavelength(λ_c)		ITU Ch21~Ch60	nm
Insertion Loss	Mux or DeMux channel ports	≤ 5.5	dB
	Mux & DeMux link loss	≤ 11	
	Mon Tx or Mon Rx	≤ 21	
Channel Bandwidth		$\lambda_c \pm 0.1$	nm
Isolation	Adjacent Channel	≥ 25	dB
	Non-adjacent Channel	≥ 30	dB
Pass band ripple		≤ 0.5	dB
Return loss		≥ 40	dB
Polarization Dependent Loss		≤ 0.25	dB
Polarization Mode Dispersion		≤ 0.5	ps
Operation Temperature		-5~65	$^{\circ}\text{C}$
Storage Temperature		-40~85	$^{\circ}\text{C}$
Fiber Type		Corning G657. A1 fiber with 900um Tube	
Connector Type	Mux or DeMux channel ports	Simplex LC/UPC	
	Mon Tx & Mon Rx	Duplex LC/UPC	
Package Dimension(1U 19" Rack Mount)		440 x 340x44	mm

Note:1) IL is measured with connectors

3. Schematic Drawing



4. Mechanical Specifications



5. Faceplate Layout

