

1550nm CATV Erbium Doped Fiber Amplifier • HA5832A-08

Technical Specification

1.0 TECHNIQUE INDEX

Performance			Index			Supplement
			Min.	Typ.	Max.	
Optical feature	CATV operation wavelength	(nm)	1540		1563	CATV
	OLT pass wavelength	(nm)	1310/1490/1270/1577			
	CATV pass wavelength loss	(dB)			0.8	1550nm
	OLT pass wavelength loss	(dB)			0.8	1310/1490/1270/1577
	CATV & OLT isolation	(dB)	40			
	Number of uplink optical ports (for OLT)	(pcs)		8		
	CATV input power (Pi)	(dBm)	-10		+10	
	Total output power ¹⁾	(dBm)		32		
	Number of output ports	(pcs)		8		
	Each port output power	(dBm)		21		
	Difference of each output power	(dB)	-0.5		+0.5	
	Output power adjustable range	(dBm)	-6		0	
	Noise figure	(dB)			6	
	Input/output isolation	(dB)	30			
	Pump power leakage	(dBm)			-30	
	Echo loss	(dB)	55			APC
General feature	Network management interface		RJ45			SNMP/WEB
	Serial interface		RS232			
	Power supply	(V)	2x230VAC			
	Power consume	(W)			50	
	Operation temp.	(°C)	-5		60	
	Storage temp.	(°C)	-40		80	
	Relative humidity	(%)	5		95	
	Size (W)×(D)×(H)	(")	19 × 14.5 × 1.75			