



Fiber-In/Fiber-Out Phase Modulator WPM-K0689-P63P63AH0

Specifications

Operational Wavelength	689 nm
Insertion	≤6 dB
Vπ@1GHz	≤14V
Vπ@10GHz	≤21V
Input Fiber	1.0 m PM630 fiber with FC/APC NK
Output Fiber	1.0 m PM630 fiber with FC/APC NK

Characterization

Termination Resistance	50 Ω
Max RF Drive Power	1 W
SMA Connector Type	F SMA
SMA Torque	5 in-lbs

TEC

1	TEC +		
2	TEC -		
3	10 k Ω thermistor		
4	10 k Ω thermistor		
Thermistor	R@25°C	10KΩ	
Steinhart Coefficient	C1	0.8884	E-3
	C2	2.5136	E-4
	C3	1.9266	E-7
T_{max}	80 C		
TEC Max Current	2.8A		

Drawing

