

Fiber Isolator

☆Description

XHP fiber isolator features low insert loss, high return loss, high isolation, stable and reliable. It can be integrated into fiber amplifier, fiber communication system, and fiber test equipment etc.



☆Specifications

Parameters	Units	Value			
		Single		Double	
Type	nm	1310, 1480, 1550			
Center wavelength	nm	1310, 1480, 1550			
Grade	-	P	A	P	A
Peak isolation	dB	42	40	58	55
Normal isolation @23℃	dB	30	29	46	45
Typical insert loss @23℃	dB	0.35	0.5	0.4	0.6
Max. insert loss @23℃	dB	0.50	0.70	0.6	0.9
PDL	dB	0.05	0.10	0.05	0.15
PMD	ps	0.20	0.25	0.05	0.07
Max. holding power(continuous)	mW	300			
Max. tension	N	5			
Operating temperature	℃	- 5 ~ +70			
Storage temperature	℃	- 40 ~ +85			

☆Ordering Information

Part number	Note	Options
XXX-XXX	Part type	XHP-ISO
X	Grade	P = P grade, A = A grade, S = customized
XX	Operating wavelength	W1 = 1310nm, W2 = 1480nm, W3 = 1550nm
X	Type	S = single, D = double
XX	Fiber	F1 =SMF-28e
XXX	Pigtail	PT1 = 250um bare fiber, PT2 = 900um loose tube
XX	Fiber length	L1 = 1m, S = customized
XX	Interface	FA = FC/APC, FU = FC/UPC, SA = SC/APC, SU = SC/UPC, LA = LC/APC, LU = LC/UPC, N = None
XXX	Package size	PS1 = Φ5.5×35

Example: XHP-ISO-P-W1-S-F1-PT1-L1-N-PS1