

ANTI-RESONANT HOLLOW CORE FIBER 3-PORT OPTICAL CIRCULATOR (1310, 1550nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	1310±20 or 1550±20
Transmitting Direction		-	1→2, 2→3
Isolation (All SOP, 23°C) (2→1, 3→2, 3→1, 1→3)	Typ.	dB	45
	Min	dB	40
Insertion Loss (23°C) (1→2, 2→3)	Typ.	dB	1.5
	Max	dB	1.7
PDL	Max	dB	0.2
PMD	Max	ps	0.05
Return Loss ($\lambda=1550\text{nm}$, 23°C)	Min	dB	40
Input Optical Power	Typ.	W	1
Storage Temperature		°C	-40 to 85
Operating Temperature		°C	-5 to 70

*SOP = State of Polarization

*Fiber is straight for PDL testing

*Fiber used: Anti-resonant with 16um core, 200um cladding, 405um coating.

Ordering Information

Contact Ascentta with your custom configuration needs.

HCCIR	Port	Wavelength	Fiber type	Fiber length	Package
HCCIR	3 = 3-Port	13 = 1310nm 15 = 1550nm X = Others	(Customer Consigned)	10 = 1.0m 15 = 1.5m 20 = 2.0m X = Others	70x20x10 = L70×W20×H10mm X = Others

Package Diagram

