

## RC80um Mini Size Isolator

<b>Features</b>	
Wide Operating Wavelength High isolation & Low insertion loss Low PDL Mini Size	
<b>Application</b>	
Fiber Sensor	

### Specifications

Isolator Type		Single stage		Dual Stage	
		P Grade	A Grade	P Grade	A Grade
Grade		P Grade	A Grade	P Grade	A Grade
Operating Wavelength	nm	1550		1550	
Typ. Peak Isolation	dB	40	38	52	50
Isolation at 23 °C	dB	>28	>26	>42	>40
Insertion Loss at 23 °C	dB	<1.0	<1.2	<1.2	<1.3
Return loss	dB	>55/55	>55/55	>55/55	>55/55
PDL	dB	<0.05	<0.1	<0.1	<0.15
PMD	dB	0.2	0.25	0.05	0.07
Operating Temperature	°C	-5 ~ + 70			
Storage Temperature	°C	-40 ~ +85			
Fiber Type		RC80 SM1550			
Package Dimension	mm	Ø 3 xL25 or Ø 3 xL22			
Power Handling	mW	<300			

### Package Dimensions



### Ordering Information

IS	Wavelength	Grade	Stage	Pigtail	Fiber	length	Package
	15=1550	P=P Grade A=A Grade	S=Single stage D=Dual Stage	165=165um bare fiber	6=RC80 SM1550	0.8=0.8m S=Specify	3x25 3x22