

Optical Coupler / Splitter

OC-1002

For Cost-effective Analog Instrumentation Applications

The OC-1002 Fiber Optic Optical Coupler consists of a 1 x 2 optical coupler. Coupler modules utilized for the management of optical power and wavelength. Typical uses are as an optical power splitter or to implement a single fiber bi-directional transmission system. They are also excellent for use with DWDM's, EDFA's and Other Linear Bandwidth Applications

Technical Specifications

Operating Wavelength (nm)	850, 1310 (-1,-3,-4 models) 1310, 1550 (-5,-7,-9models)
Insertion Loss Common to A	5 dB typical
Insertion Loss Common to B	5 dB typical
Insertion Loss A to B	20 dB Minimum
Optical Connectors	ST for -1 & -3 models FC/PC for -7 & -9 models SC for -4 & -5 models
Operating Temperature	-35° to +75°C
Power Requirements	None
Physical Size (mm)	5.0"(127)x 3.0"(76) x1.0"(25.4)

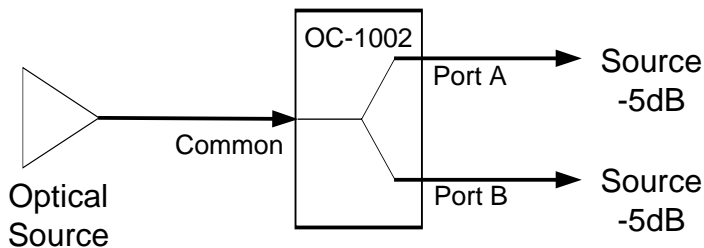
Note that all specifications are subject to change without prior notice.



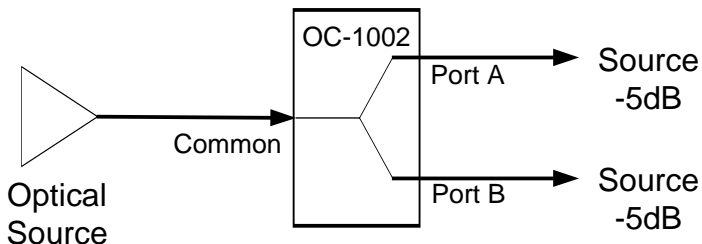
Important Features

- **Completely Passive**
- **Multi mode or Single mode versions**
- **Stand-alone or Rack Mountable (same unit)**

OC-1002 Utilized as an Optical Power Splitter



OC-1002 Utilized as an Optical Power Splitter



Ordering Information

OC-1002-X
where "X" =
Wavelength/Fiber/Connector

- 1 = 850nm Multi-mode ST
- 3 = 1310nm Multi-mode ST
- 4 = 1310nm Multi-mode SC
- 5 = 1310nm Single-mode SC
- 7 = 1310nm Single-mode FC/PC
- 9 = 1550nm Single-mode FC/PC