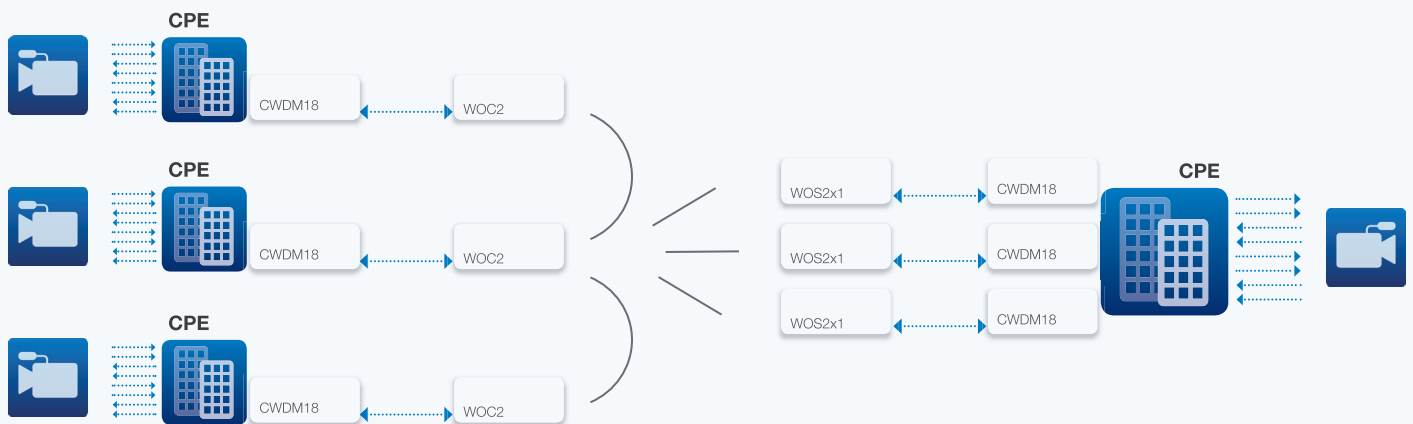




FLASHLINK WOC-2-50-50-MKII/WOC-2-90-10-MKII

Wideband optical coupler

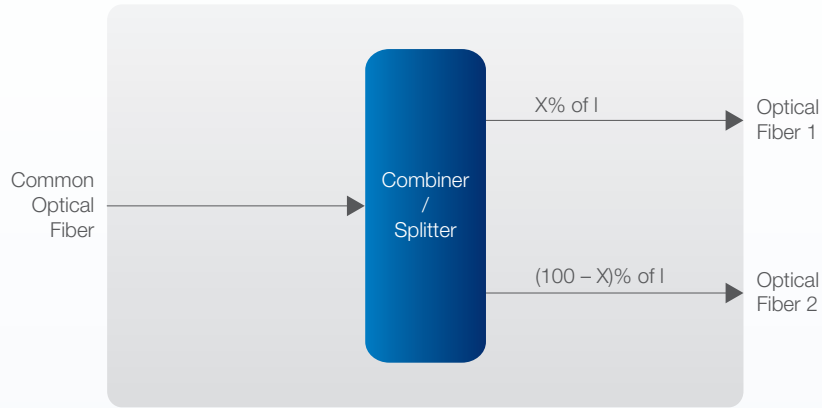


Application overview

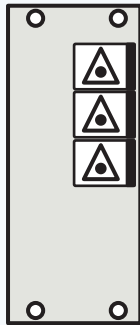
The WOC-2-X-X-MkII is a dual wideband optical coupler/splitter covering 1260 – 1620nm suitable for both CWDM and DWDM applications. The optical couplers are cost-efficient building blocks in optical networks that allow splitting multiple signals transported over CWDM with one module into two redundant paths. The couplers are bi-directional devices.

Key features

- ▶ Passive optical splitter module
- ▶ 50/50 or 90/10 split ratio
- ▶ For multiple distribution and linear-tapped fiber buses
- ▶ Directivity better than 55dB



WOC-2-50-50-MkII



WOC-2-50-50-MkII backplane

Specifications

General

Power	None
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Optical

Optical passband	1260 – 1620nm
Return loss	Better than 40dB
Directivity	Better than 55dB
Connector	SC/U/PC, single mode

Split ratios and corresponding maximum insertion loss (incl. connectors)

WOC-2-50-50-MkII

50%/50%	4.3 dB / 4.3 dB (1260nm – 1350nm and 1510 – 1620nm) 4.6 dB / 4.6 dB (1350nm – 1510nm)
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WOC-2-90-10-MkII

90 % / 10 %	1.33 dB / 11.7 dB (1260nm – 1350nm and 1510 – 1620nm) 1.6 dB / 11.95 dB(1350nm – 510nm)
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Ordering options

21056 WOC-2-50-50-MkII	50/50 Wideband optical coupler for 1260nm – 1620nm
21057 WOC-2-90-10-MkII	90/10 Wideband optical coupler for 1260nm – 1620nm



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