

# 1x2 Single-Mode Optical Splitter



### Description:

FIBERONE fused biconical tapered (FBT) single-mode splitters are available in a wide range of split ratios and options to suit a variety of applications. Available with 250um or 900um jacket fiber, the low profile stainless steel tube package provides bi-directional performance at both 1310 and 1550 nm. A ruggedized package is available for 3.0mm jacket applications with the same superior performance. Optional connectors are available and all test data is provided with each unit.

### Features:

- Variety of Split Ratios
- Ruggedized Package Option
- Bi-Directional
- Low Excess Loss

### Specifications:

Dimensions	250um Coated Fiber L: 54mm x D: 3mm	900um Loose Tube L: 65mm x D: 3.5mm	3.0mm PVC L: 95mm x D: 9.5mm x W: 11mm		
Wavelength	1310 & 1550 nm +/- 40				
Reflectance	> -55 dB				
Uniformity	0.5 dB (Max)				
Directivity	-55 dB				
PDL	0.15 dB				
Temperature Coefficient	0.002 dB / °C				
Operating Temperature	- 40 to + 65 °C				
Insertion Loss (Max)	50/50 Split 3.4	40/60 Split 4.4 / 2.5	30/70 Split 5.6 / 1.8	20/80 Split 7.5 / 1.2	10/90 Split 10.8 / 0.6