

1x2 Multimode Optical Splitter



Description:

FIBERONE® fused biconical tapered (FBT) multimode splitters are available in a wide range of split ratios and options to suit a variety of applications. Available with 250, 900 um fiber, the low-profile stainless steel tube package provides bi-directional performance at both 850 and 1300 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	850 & 1300 nm +/- 40				
Uniformity	0.5 dB (Max)				
Directivity	-55 dB				
Coupling Ratio Tolerance	5 %				
Temperature Coefficient	0.002 dB / °C				
Operating Temperature	-40 to +65 °C				
Insertion Loss (Max)	50/50 Split 3.7	40/60 Split 4.8 / 2.8	30/70 Split 6.1 / 2.0	20/80 Split 8.0 / 1.3	10/90 Split 11.8 / 0.8
Fiber Type (Other Options Available)	50 or 62.5/125 um (Graded Index)				