

Direct-attach Beam Splitter-Combiner



The Beam Splitter gives you a flexible option for using dual light sources or spectrometers. The small size of the beam splitter allows it to directly mount to the front of any AvaSpec spectrometer or AvaLight lightsource, eliminating the fiber interface. Another advantage is that your existing systems can be easily upgraded to a two channel system.

Being highly adaptable, the Beam Splitter enables easy measurement of two different applications at the same time (for example a fluorescence and a absorption measurement).

Technical Data

	BSC-DA
Wavelength range	250-2000nm
Throughput	Ca. 25%
Temperature range	0-40 C
Switching time open	15 ms
Switching time close	30 ms
Maximum frequency	10 Hz
Power supply	5VDC, 0.3A (max power 1.5W)
Fiber connection	SMA-905 connector
Material mechanical	Black anodized aluminum
Material optical	UV Fused Silica
Dimensions	44 x 34 x 63 mm *
Weight	184 grams

* Exclusive COL-UV/VIS and I/O connector

Ordering Information

BSC-DA	<ul style="list-style-type: none"> • Direct-Attach Beam Splitter / Combiner, includes IC-DB26-BEAM-0.6 (0.6 m interface cable), needs extra PS-5V / 1.1 A power supply
IC-DB26-BEAM-2	<ul style="list-style-type: none"> • Interface cable (2 meters long)
PS-5V/1.1A	<ul style="list-style-type: none"> • Power Supply

The Beam Splitter gives you more flexibility to measure more applications at the same time!