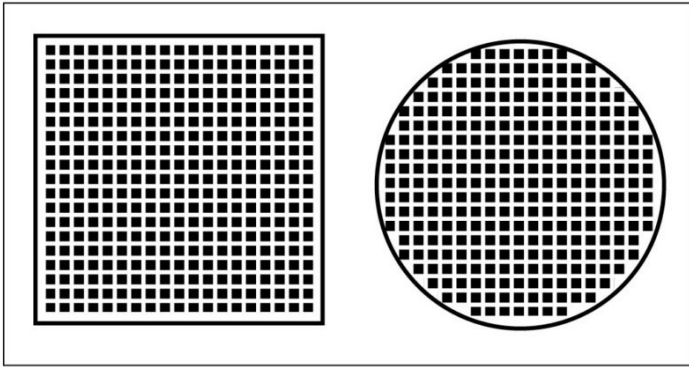


ポルカドットビームスプリッター



Broadband Beamsplitter

一定間隔・一定量のアルミニウム膜が水玉模様(Polka-Dotとは水玉模様の意)のようにコーティングされていて、その膜厚差に違いを持たせることで光量分割比が決定されるというユニークなビームスプリッターです。

波長範囲は250 nm～2000 nm仕様と400 nm～2000 nm仕様の2種類。光量分割比は8種類のラインナップがあります。

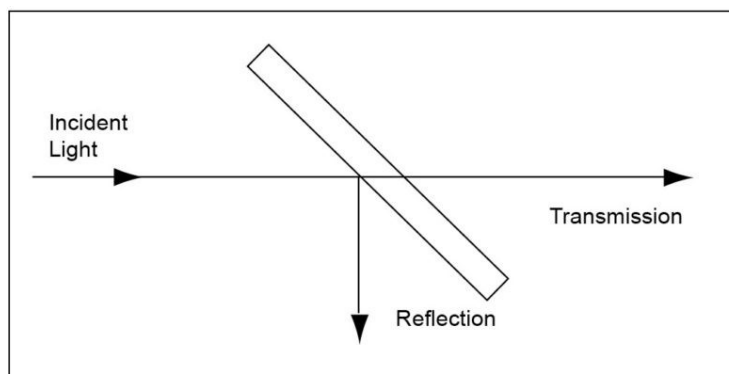
型番一覧

光量分割比 (反射:透過)	動作波長範囲	型番						
		サイズ	φ 25.4 mm	□ 25.4 mm	φ 38.0 mm	□ 38.0 mm	φ 50.8 mm	□ 50.8 mm
90:10	250 nm ~ 2000 nm	PDBS-9001-UV	PDBS-9002-UV	PDBS-9003-UV	PDBS-9004-UV	PDBS-9005-UV	PDBS-9006-UV	PDBS-9007-UV
	400 nm ~ 2000 nm	PDBS-9001	PDBS-9002	PDBS-9003	PDBS-9004	PDBS-9005	PDBS-9006	PDBS-9007
80:20	250 nm ~ 2000 nm	PDBS-8011-UV	PDBS-8012-UV	PDBS-8013-UV	PDBS-8014-UV	PDBS-8015-UV	PDBS-8016-UV	PDBS-8017-UV
	400 nm ~ 2000 nm	PDBS-8011	PDBS-8012	PDBS-8013	PDBS-8014	PDBS-8015	PDBS-8016	PDBS-8017
70:30	250 nm ~ 2000 nm	PDBS-7001-UV	PDBS-7002-UV	PDBS-7003-UV	PDBS-7004-UV	PDBS-7005-UV	PDBS-7006-UV	PDBS-7007-UV
	400 nm ~ 2000 nm	PDBS-7001	PDBS-7002	PDBS-7003	PDBS-7004	PDBS-7005	PDBS-7006	PDBS-7007
60:40	250 nm ~ 2000 nm	PDBS-6001-UV	PDBS-6002-UV	PDBS-6003-UV	PDBS-6004-UV	PDBS-6005-UV	PDBS-6006-UV	PDBS-6007-UV
	400 nm ~ 2000 nm	PDBS-6001	PDBS-6002	PDBS-6003	PDBS-6004	PDBS-6005	PDBS-6006	PDBS-6007
50:50	250 nm ~ 2000 nm	PDBS-0001-UV	PDBS-0002-UV	PDBS-0003-UV	PDBS-0004-UV	PDBS-0005-UV	PDBS-0006-UV	PDBS-0007-UV
	400 nm ~ 2000 nm	PDBS-0001	PDBS-0002	PDBS-0003	PDBS-0004	PDBS-0005	PDBS-0006	PDBS-0007
40:60	250 nm ~ 2000 nm	PDBS-0461-UV	PDBS-0462-UV	PDBS-0463-UV	PDBS-0464-UV	PDBS-0465-UV	PDBS-0466-UV	PDBS-0467-UV
	400 nm ~ 2000 nm	PDBS-0461	PDBS-0462	PDBS-0463	PDBS-0464	PDBS-0465	PDBS-0466	PDBS-0467
30:70	250 nm ~ 2000 nm	PDBS-0371-UV	PDBS-0372-UV	PDBS-0373-UV	PDBS-0374-UV	PDBS-0375-UV	PDBS-0376-UV	PDBS-0377-UV
	400 nm ~ 2000 nm	PDBS-0371	PDBS-0372	PDBS-0373	PDBS-0374	PDBS-0375	PDBS-0376	PDBS-0377
20:80	250 nm ~ 2000 nm	PDBS-2001-UV	PDBS-2002-UV	PDBS-2003-UV	PDBS-2004-UV	PDBS-2005-UV	PDBS-2006-UV	PDBS-2007-UV
	400 nm ~ 2000 nm	PDBS-2001	PDBS-2002	PDBS-2003	PDBS-2004	PDBS-2005	PDBS-2006	PDBS-2007

ポルカドットビームスプリッター

仕様

光量分割比公差	±5%
使用可能最小ビーム径	2 mm
動作波長範囲	250 nm ~ 2000 nm (UV~IR仕様)
	400 nm ~ 2000 nm (VIS~IR仕様)
コーティングパターン	正方形
基板材質	UVグレード合成石英 (UV~IR仕様)
	B270 (VIS~IR仕様)
基板厚み	約1.5 mm
外形寸法公差	+ 0.0 mm / - 0.5 mm
設計入射角度	45°



Broadband Beamsplitter
45° Angle of Incidence