

パルスLD励起レーザーモジュール RBA PowerPLUSE



最高400mJまでの小型パルス励起モジュールです。

モデル	ロッドタイプ	アウトプット エネルギー出力 ^{※3}	動作電圧 ^{※4}	動作電流	Small Signal Gain ^{※5}	Stored Energy
RBA20-2P5	2 mm, YAG ^{※2}	> 50 mJ	36 V	60A	37	75 mJ
RBA30-2P5	3 mm, YAG ^{※2}	> 60 mJ	36 V	60A	4.9	75 mJ
RBA35-2P5	3 mm, YAG ^{※1}	> 70 mJ	60 V	50A	8.2	100 mJ
RBA20-2P1	2 mm, YAG ^{※2}	> 80 mJ	36 V	95A	420	125 mJ
RBA25-3P5	3 mm, YAG ^{※1}	> 100 mJ	54 V	35A	130	100 mJ
RBA30-3P5	3 mm, YAG ^{※2}	> 100 mJ	54 V	60A	11	115 mJ
RBA30-2P1	3 mm, YAG ^{※2}	> 120 mJ	36 V	90A	12	120 mJ
RBA30-1P200	3 mm, YAG ^{※2}	> 175 mJ	18 V	175A	15	130 mJ
RBA30-3P1	3 mm, YAG ^{※2}	> 200 mJ	54 V	90A	45	180 mJ
RBA20-3P200	2 mm, YAG ^{※2}	> 300 mJ	54 V	175A	205	110 mJ
RBA30-4P200	3 mm, YAG ^{※2}	> 400 mJ	72 V	170A	320	270 mJ

- ※1 Rod length is 83 mm with flat/flat faces and 0.6% Nd doping
 ※2 Rod length is 63 mm with flat/flat faces and 0.6% Nd doping
 ※3 Minimum pulse energy at 100Hz with a 250 μs drive current pulsewidth.
 ※4 Required voltage at the pump module.
 ※5 Minimum total small signal gain (G) at 100Hz, 250 μs drive pulse.

