Electro-Optics Technology, Inc.

Broadband (Ti:Sapphire) Faraday Rotators & Isolators

Applications:	Features:
• Prevent parasitic oscillations in high gain amplifier chains	• Completely passive device, no tuning required
• Prevents preferential lasing at outer low gain wavelengths	• Provides high isolation and good transmission simultaneously

ISOLATORS

Part No. (Model) [a]	Clear Aper.	Center λ (nm)	Spectral Range (nm)	Optical Path (mm)	Polarizer Type	Damage Threshold
110-10188-0001 (BB8-5I-RND)	5.0mm	800	720-950	16	PBS Cube	100MW/cm^2
110-10059-0001 (BB8-8I)	8.0mm	800	720-950	15	PBS Cube	100MW/cm^2
110-10155-0001 (BB8-10I)	10.0mm	800	720-950	28	PBS Cube	100MW/cm^2
110-10130-0001 (BB9-5I)	5.0mm	900	800-1050	43	Glan Laser	300MW/cm^2

ROTATORS

Part No. (Model) [a]	Clear Aper.	Center λ (nm)	Spectral Range (nm)	Optical Path (mm)	Polarizer Type	Pulsed Damage Threshold @10ns
110- 10242-0001 (BB8-5R)	5.0mm	800	720-950	16	NA	5J/cm^2
110-10058-0001 (BB8-8R)	8.0mm	800	720-950	15	NA	5J/cm^2
110-10055-0001 (BB8-10R)	10.0mm	800	720-950	28	NA	5J/cm^2
110-10129-0001 (BB9-5R)	5mm	900	800-1050	43	NA	5J/cm^2

Notes:
a. Product specifications and pricing subject to change without notice.

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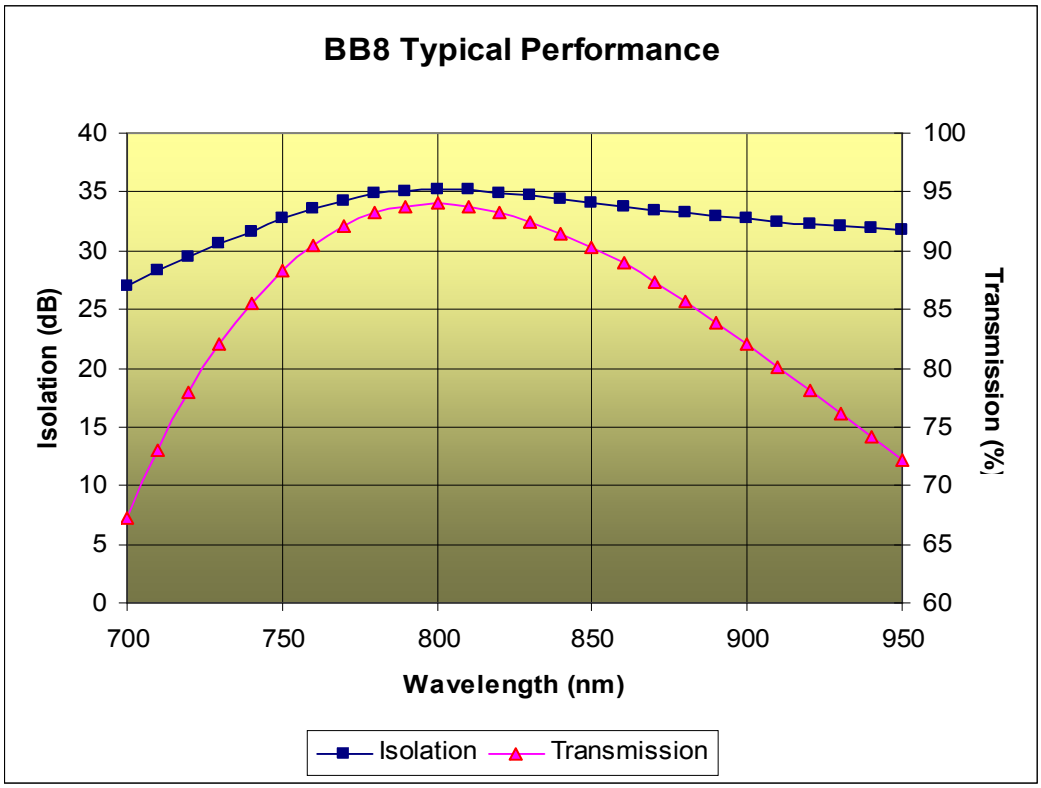

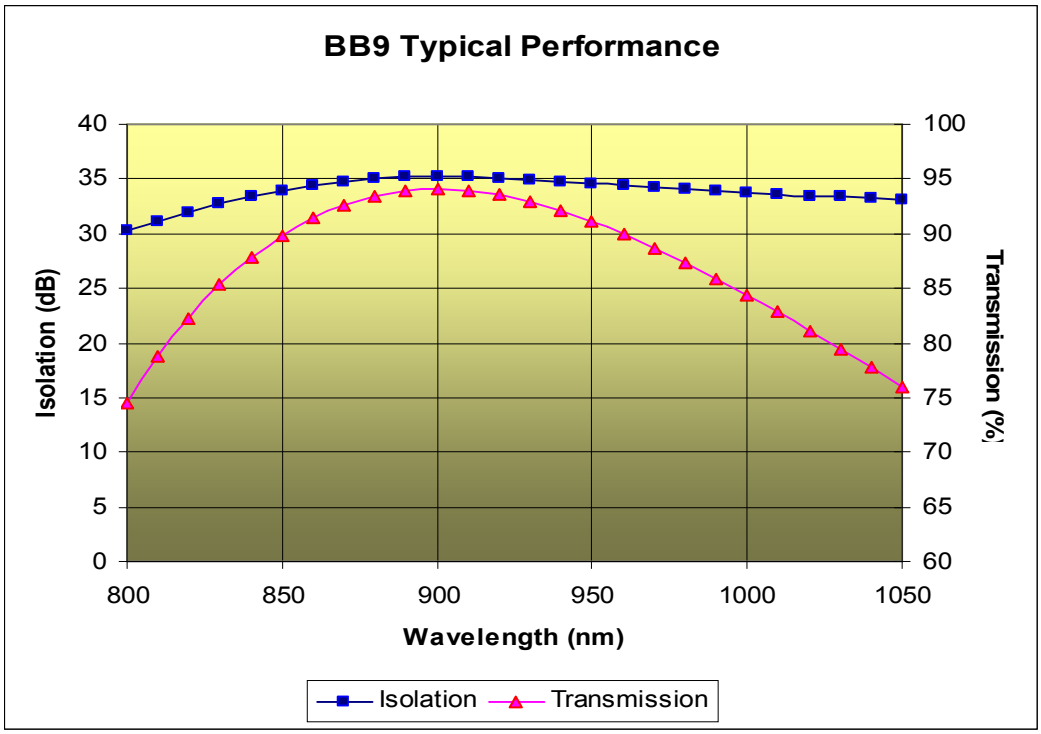

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