

Blue + green dual-band CoB

Nisene U.S. market edition | Polymatech 30 mm Specialty CoB Platform

Parameter	Design-in information
Spectral configuration	450 nm + 550 nm nominal channels
Package platform	30.00 x 30.00 x 1.00 mm
Light-emitting surface	17.00 mm diameter circular emitting area
Substrate / thermal path	Aluminium-base CoB with electrically isolated thermal path
Mounting reference	Two 3.00 mm diameter holes on the diagonal; M4 screw reference assembly
Thermal resistance	2 C/W, junction-to-case design value; final system thermal validation required
Drive method	Regulated constant-current drive; configuration-specific electrical limits apply
Manufacturer	Polymatech Electronics Limited, India
Country of manufacture	India

Typical application areas

Aquaculture lighting; multi-spectral illumination; inspection and imaging; research and analytical systems; specialty colour-lighting equipment.

Ordering and design-in

Before design-in or order acceptance, obtain the current Polymatech configuration-specific specification covering wavelength tolerance, electrical limits, optical or radiant output, test conditions, channel ratio, thermal requirements and applicable compliance declarations. Configuration-specific values are released against the approved quotation or order specification.

United States sales and customer support

Nisene Technology Group, Inc.

417A Salinas Road, Watsonville, CA 95076, USA
Jason Herro, Executive Vice President | +1 (262) 395-0174 | jason@polymatechworld.com
Nisene main office | 831-761-7980 | sales@nisene.com

Manufactured by Polymatech Electronics Limited | Made in India | U.S. market document prepared for distribution through Nisene Technology Group