

**Product Brief** 



### **Key Features**

- Very high reliability
- Low power dissipation
- High-power output

# 648Bx/725VRx

## EML Chip-on-Carriers (CoCs) for Applications up to 28 Gb/s

### Description

Broadcom offers a range of single-mode, Electro-Absorptive Modulated (EML) laser diode chip-on-carrier products with LAN-WDM (1.3  $\mu$ m) and TDM/C-band (1.5  $\mu$ m) wavelengths, for use in data center, metro, and other applications.

Using extensive knowledge in CMBH-grown, multi-quantum, well-active layer designs with a long history of proven field reliability, the lasers are qualified per the intent of Telcordia GR-468 and offer class-leading electrical and optical performance.

Contact Broadcom for additional detailed information about these products for your application.

| Ordering Information   |        |
|--|--------|
| 10-Gb/s, 1.5- $\mu m$ EML laser CoC with lens, TDM, for cooled applications up to 40 km  | 648B   |
| 10-Gb/s, 1.5- $\mu m$ EML laser CoC with lens, DWDM, for cooled applications up to 40 km | 648Bxx |
| 28-Gb/s, 1.3-µm LAN-WDM EML laser CoC for cooled applications                            | 725VR  |
| 28-Gb/s, 1.3-µm LAN-WDM EML laser CoC, p-up configuration, for cooled applications       | 725VRP |



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