

## Product Highlights

### Full Range of InfiniBand Features

High throughput, low latency, quality of service, failover, plus fully scalable design

### Lightning-fast 10 Gbps Performance

Delivers non-blocking wire-speed performance for true 10 Gigabit Ethernet connectivity

### Versatile Connectivity

Connects with InfiniBand (CX4) latch or screw ports for use as a stacking cable or uplink cable at speeds up to 10 Gbps.



## DEM-CB300

### 10G InfiniBand Twinaxial Cable, 3m

#### Features

#### Connectivity

- 10GBASE-CX4 InfiniBand cable with screw or latch type connector
- For Gigabit Ethernet connections up to 10 Gbps
- 3m length
- Supports InfiniBand's quality of service and failover features

#### Standards Compliance

- IEEE802.3ak 10GBase-CX4
- SFF-8470
- EIA-364
- UL 94

The 10G InfiniBand Twinaxial Cable is designed to support high-speed connections for 10 Gbps Ethernet devices<sup>1</sup>. DEM-CB300 is an ideal solution for cost-effective, high-speed networking connectivity between D-Link switches, and other devices within a rack or in adjacent racks.

#### Ideal for High-Bandwidth Operation

The 10G InfiniBand Twinaxial Cable supports speeds of up to 10Gbps over distances of up to 3metres. This 10GBase-CX4 cabling runs over four pairs of twinaxial copper wiring, resulting in low latency, and supports the InfiniBand fabric's quality of service (QoS) and failover features. The result is an optimal solution for handling high bandwidth transmission over short distances.

#### 10GBase-CX4 Connectors

DEM-CB300 features screw-type connectors at both ends, and can be used as a physical stacking cable or uplink cable for D-Link's DGS-3120 L2 Managed Stackable Gigabit Switch series.

## Technical Specifications

### General

Device Rate	10 Gbps Gigabit Ethernet
Connector Type	Screw-type at both ends
Wire AWG	28 AWG
Connectivity	Physical stacking cable or uplink cable for DGS-3120 series (recommended)

### Physical

Maximum Nominal Voltage	30 V AC
Operating Voltage	3.3 V DC
Current	0.5 A
Cable Length	3 m
Operating Temperature	-40 to 85 °C (-40 to 185 °F)

Supply Package	
One DEM-CB300 Cable	
Additional	
Certifications	IEEE802.3ak 10GBase-CX4 SFF-8470 EIA-364 UL 94
Order Information	
<i>Model Number</i>	<i>Description</i>
DEM-CB300	10G InfiniBand Twinaxial Cable, 3m
Compatible Equipment	
Switch	DGS-3120-24SC/*EI DGS-3120-48PC/*EI DGS-3120-48TC/*EI DGS-3120-24PC/*RI DGS-3120-24SC/*RI DGS-3120-24TC/*RI DGS-3120-48PC/*RI

<sup>1</sup> It is recommended that the 10G InfiniBand Twinaxial Cables are only used with D-Link products.

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