

### Product Highlights

- Up to 1 m connection
- 100 Gbps data rate



## DEM-CB100Q28

### Passive Copper 100G QSFP28 Direct Attach Cable, 1 m

The 100G Passive QSFP28 Twinaxial Direct Attach Cable is a high performance, high bandwidth and cost-effective connection solution that supports 100G Gigabit Ethernet. The 100G Passive QSFP28 Twinaxial Direct Attach Cable is designed to support high-density connections<sup>1</sup> for switches with 100G interface, much faster than SFP+. The 100G Passive QSFP28 Twinaxial Direct Attach Cable is certified to be compatible with D-Link products to provide you best performance and reliability.

#### Ideal for High-Bandwidth Operations

The 100G Passive QSFP28 Twinaxial Direct Attach Cable supports speeds of up to 100 Gbps, while having lower crosstalk and power consumption than other cables. This makes it an optimal solution for handling high bandwidth transmission within short distances such as within a rack or between racks inside energy-efficient data centers.

#### Quad Small Form-factor Pluggable 28 Format

The D-Link 100G Passive QSFP28 Twinaxial Direct Attach Cable uses Quad Small Form-factor Pluggable 28 format (QSFP28) connectors, which integrate four independent transmitting and receiving channels. The QSFP28 cable assemblies can replace ten standard SFP+ cable assemblies, resulting in higher port density, cost efficiency, and a reduction in power savings compared to standard SFP+.

#### Save on Costs

The D-Link 100G Passive QSFP28 Twinaxial Direct Attach Cable features QSFP28 connectors on both ends, thus eliminating the need for expensive QSFP28 transceivers. This makes it more cost-effective than fiber cables which must use QSFP28 transceivers.

## Technical Specifications

General	
Data rate	100 Gbps
Connector type	QSFP28
AWG wire size	30 AWG
Physical Parameters and Environmental Conditions	
Cable length	1 m
Minimum cable bend radius	34.5 mm
Cable characteristic wave impedance	100 Ohm
Maximum nominal voltage	30 V AC
Operating voltage	3.3 V DC
Current	0.5 A
Operating Temperature	-40 to 75 °C

Others	
Certifications	SFF-8436 SFF-8636 SFF-8665 EIA-364 EIA-364-1000.01 UL 94
Order Information	
<i>Part Number</i>	<i>Description</i>
DEM-CB100Q28	Passive Copper 100G QSFP28 Direct Attach Cable, 1 m

<sup>1</sup> It is recommended that you only use the Passive Copper 100G QSFP28 Direct Attach Cable with D-Link products.

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