

# S100G-QP28-DAC

## 100G QSFP28 Direct Attach Passive Copper Cable

### Description:

The **S100G-QP28-DAC** QSFP28 passive cable assembly products, based 4x 28G structure, the product can well satisfy the next generation 100G switches, servers, routers and other products of application requirements.

The **S100G-QP28-DAC** Direct Attach Cables are compliant with the SFF-8665 specifications. Various choices of wire gauge are available from 30 to 24 AWG with various choices of cable length (up to 5m).



### Features:

- Compliant with SFF-8665
- Up to 28.3125Gbps data rate per channel
- Up to 5m transmission
- Operating temperature 0 - 70°C
- Low Crosstalk
- RoHS compliant

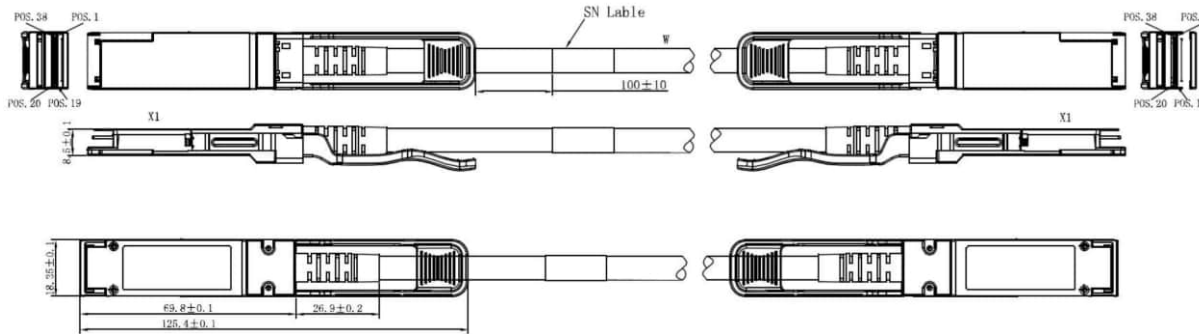
### Benefits:

- Cost-effective copper solution
- Lowest total system power solution
- Lowest total system EMI solution
- Optimized design for Signal Integrity

### Application:

- 10G/40G/100G Gigabit Ethernet
- Infiniband SDR, DDR, QDR, FDR, EDR
- Servers, routers and switches
- Data Center

## Drawing:



## General product characteristics:

QSFP+ DAC Specifications	
Number of Lanes	Tx & Rx
Channel Data Rate	28.3125 Gbps
Operating Temperature	0 to + 70°C
Storage Temperature	-40 to + 85°C
Supply Voltage	3.3 V nominal
Electrical Interface	38 pins edge connector
Management Interface	

## Ordering information:

Part number	AWG	Cable length (m)	Description
<b>S100G-QP28-DAC-001-XX</b>	30	1	100G QSFP28 to QSFP28 passive cable, 1 m
<b>S100G-QP28-DAC-002-XX</b>	30	2	100G QSFP28 to QSFP28 passive cable, 2 m
<b>S100G-QP28-DAC-003-XX</b>	26	3	100G QSFP28 to QSFP28 passive cable, 3 m
<b>S100G-QP28-DAC-004-XX</b>	26	4	100G QSFP28 to QSFP28 passive cable, 4 m
<b>S100G-QP28-DAC-005-XX</b>	26/24	5	100G QSFP28 to QSFP28 passive cable, 5 m

**Remark: Full compatibility is conditioned by exact specification of the end device; compatibility of older SFPs is not guaranteed with new devices or updated SW.**