



## Product Features

- ◇ Support for multi-gigabit data rates up to 40Gbps
- ◇ Hot-pluggable QSFP+ footprint
- ◇ Available in lengths of 0.5,1, 2, 3, 5m
- ◇ Metal with lower EMI
- ◇ Low Power Consumption < 0.5W
- ◇ Power Supply :+3.3V
- ◇ Compatible to QSFP+ MSA
- ◇ Temperature Range: 0~ 70 °C

## Applications

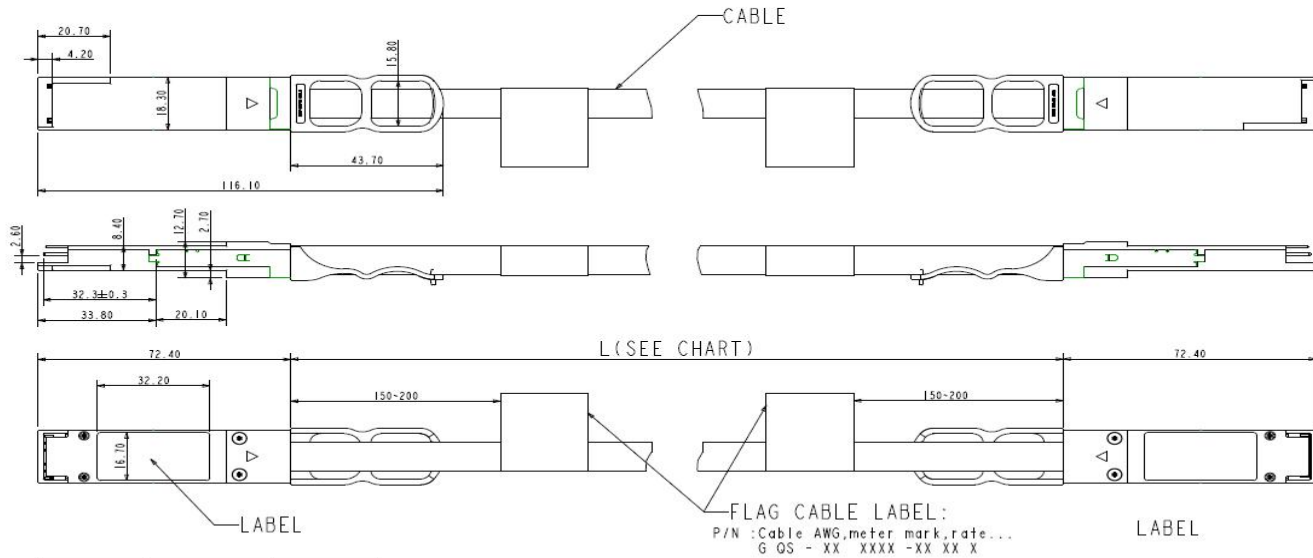
- ◇ High capacity I/O in Storage Area Networks, Network Attached Storage, and Storage Servers
- ◇ Switched fabric I/O such as ultra high bandwidth switches and routers
- ◇ Data center cabling infrastructure
- ◇ High density connections between networking equipment
- ◇ ESD to the Electrical PIN : compatible with MIL-STD-883E Method 3015.7
- ◇ RF Immunity compatible with IEC 61000-4-3
- ◇ EMI compatible with FCC Part 15 Class B EN55022 Class B
- ◇ RoHS compliant with 2002/95/EC 4.1&4.2 2005/747/EC

## Ordering Information

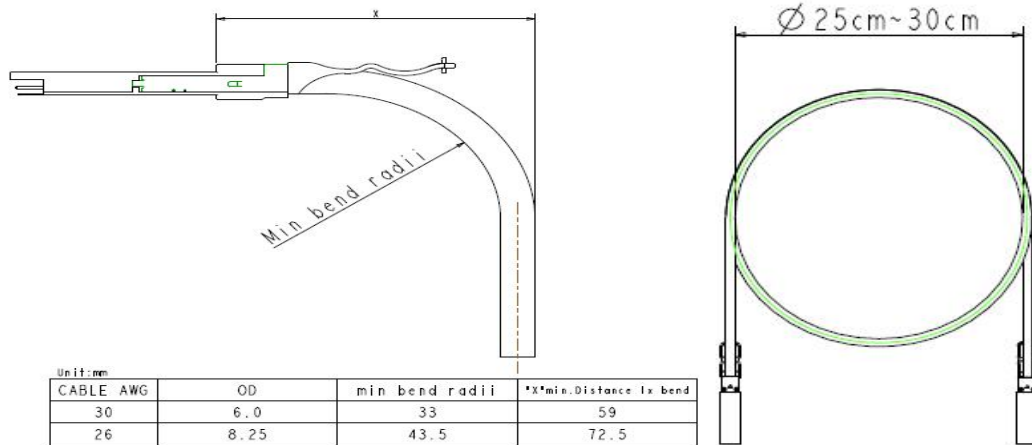
| Part Number          | Distance                                   |
|----------------------|--|
| <i>FH-DP4TxxQQyy</i> | 40G DAC Passive CABLE xx (AWG) YY (0.5-5m) |



**Product Description**



| 代码 | 长度范围 (m)    | 公差 (cm) |
|----|-------------|---------|
| L  | L ≤ 0.5     | ±3      |
|    | 0.5 < L ≤ 5 | ±5      |
|    | 5 < L ≤ 20  | ±8      |
|    | 20 < L      | ±10     |





## Absolute Maximum Ratings

| Parameter           | Symbol | Min. | Max. | Unit | Note |
|---------------------|--------|------|------|------|------|
| Supply Voltage      | Vcc    | -0.5 | 4.0  | V    |      |
| Storage Temperature |        | -40  | 85   | °C   |      |
| Relative Humidity   |        |      | 85   | %    |      |

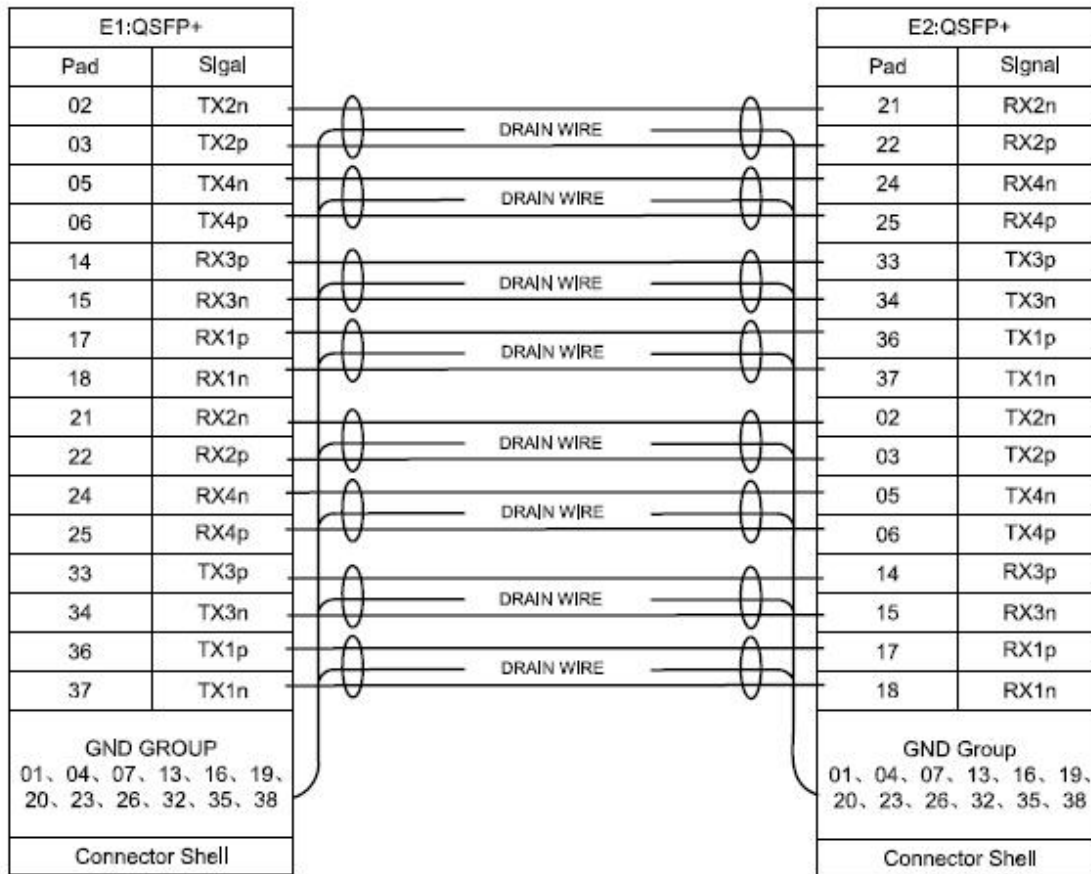
## Operating Characteristics

| Parameter            | Symbol           | Min. | Typ | Max. | Unit | Note |
|----------------------|------------------|------|-----|------|------|------|
| Data Rate            |                  |      | 40  |      | Gb/s |      |
| Supply Voltage       | Vcc              | 3.13 | 3.3 | 3.47 | V    |      |
| Supply Current       | Icc <sub>s</sub> |      |     | 200  | mA   |      |
| Operating Case Temp. | Tc               | 0    |     | 70   | °C   |      |



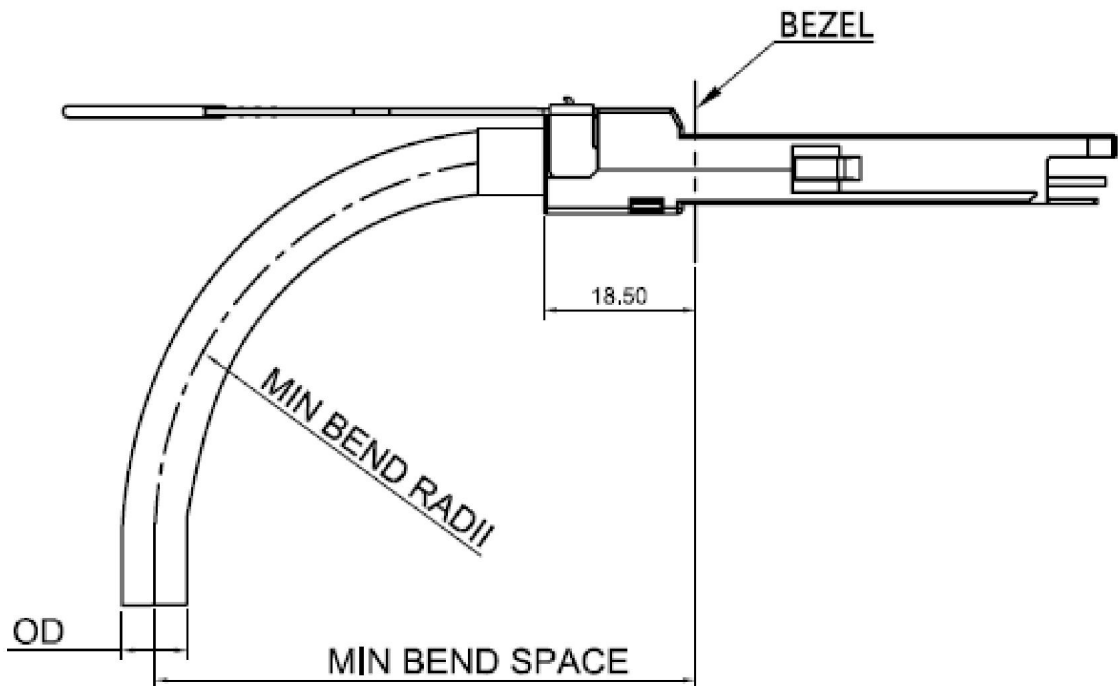
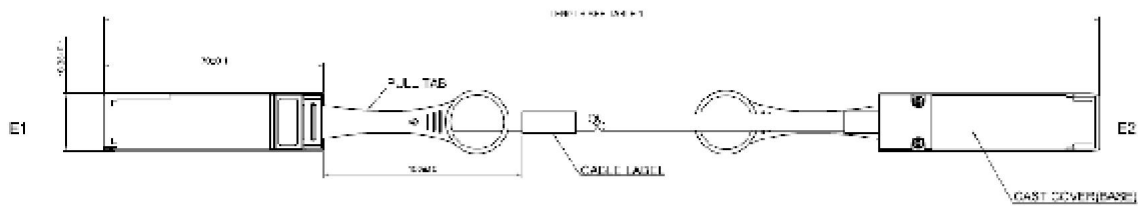
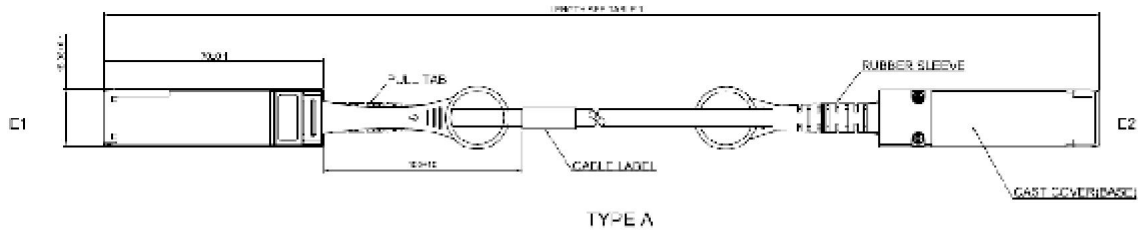
# Pin Definitions And Functions

## CABLE CONNECTION:





## Package Dimensions





| CABLE AWG | OD(mm) | MIN BEND RADII(mm) | MIN BEND SPACE |
|-----------|--------|--------------------|----------------|
| 24        | 9.2    | 46.0               | 54.5           |
| 26        | 9.3    | 46.5               | 57.0           |
| 28        | 6.3    | 31.5               | 50             |
| 30        | 6.6    | 33.0               | 48.5           |

### For More Information

FANG HANG TECH LIMITED

Add : 908 Room, Jingyuan Building, 28 Bulong Rd, Longgang District, Shenzhen. China

Tel: +86-755-89584520

Fax: +86-755-89584520

[sales@fanghangtech.com](mailto:sales@fanghangtech.com)

[www.fanghangtech.com](http://www.fanghangtech.com)