



CBO

Transceiver, DAC, AOC Overview





## Table of contents

|                    |   |
|--------------------|---|
| Gigabit.....       | 1 |
| 10 G.....          | 2 |
| 25 G.....          | 3 |
| 8/16/32/128 G..... | 4 |
| 40 G.....          | 5 |
| 100 G.....         | 6 |
| 200 G.....         | 7 |
| 400 G.....         | 8 |

## Gigabit



| Item number   | Type             | Data rate | Distance | Plug       |
|---------------|------------------|-----------|----------|------------|
| BO05C856S5D   | Transceiver, SFP | 1.25 G    | 550 M    | LC Duplex  |
| BO05C13610D   | Transceiver, SFP | 1.25 G    | 10 KM    | LC Duplex  |
| BO05C15640D   | Transceiver, SFP | 1.25 G    | 40 KM    | LC Duplex  |
| BO05C15680D   | Transceiver, SFP | 1.25 G    | 80 KM    | LC Duplex  |
| BO05A13602D   | Transceiver, SFP | 155 Mbit  | 2 KM     | LC Duplex  |
| BO08C28S1     | Transceiver, SFP | 1.25 G    | 100 M    | RJ45       |
| BO15C3149620D | Transceiver, SFP | 1.25 G    | 20 KM    | LC Simplex |
| BO15C4931620D | Transceiver, SFP | 1.25 G    | 20 KM    | LC Simplex |



## 10 G



| Item number   | Type                 | Data rate | Distance | Plug      |
|---------------|----------------------|-----------|----------|-----------|
| BO35J856S3D   | Transceiver, SFP+    | 10 G      | 300 M    | LC Duplex |
| BO35J13610D   | Transceiver, SFP+    | 10 G      | 10 KM    | LC Duplex |
| BO35J15640D   | Transceiver, SFP+    | 10 G      | 40 KM    | LC Duplex |
| BO35J15680D   | Transceiver, SFP+    | 10 G      | 80 KM    | LC Duplex |
| BO08J78S6     | Transceiver, SFP+    | 10 G      | 30 M     | RJ45      |
| BO57JXX680D   | Transceiver, SFP+    | 10 G      | 80 KM    | LC Duplex |
| SC353501J3M30 | Direct Attach Cable  | 10 G      | 3 M      | SFP+      |
| BO353503J3M   | Active Optical Cable | 10 G      | 3 M      | SFP+      |

## 25 G



| Item number   | Type                 | Data rate | Distance | Plug      |
|---------------|----------------------|-----------|----------|-----------|
| BO27Q856S1D   | Transceiver, SFP28   | 25 G      | 100 M    | LC Duplex |
| BO27Q13610D   | Transceiver, SFP28   | 25 G      | 10 KM    | LC Duplex |
| BO27Q13640D   | Transceiver, SFP28   | 25 G      | 40 KM    | LC Duplex |
| BO04Q33610D   | Transceiver, SFP28   | 25 G      | 10 KM    | LC Duplex |
| BO10QXX640D   | Transceiver, SFP28   | 25 G      | 40 KM    | LC Duplex |
| BO24QXX640D   | Transceiver, SFP28   | 25 G      | 40 KM    | LC Duplex |
| SC272701Q3M26 | Direct Attach Cable  | 25 G      | 3 M      | SFP28     |
| BO272703Q10M  | Active Optical Cable | 25 G      | 10 M     | SFP28     |

## 8/16/32/128 G



| Item number  | Type                | Data rate | Distance | Plug      |
|--------------|---------------------|-----------|----------|-----------|
| BO35H856S3D  | Transceiver, SFP+   | 8 G       | 300 M    | LC Duplex |
| BO35H13610D  | Transceiver, SFP+   | 8 G       | 10 KM    | LC Duplex |
| BO35I856S1D  | Transceiver, SFP+   | 16 G      | 100 M    | LC Duplex |
| BO35I13610D  | Transceiver, SFP+   | 16 G      | 10 KM    | LC Duplex |
| BO27AA856S1D | Transceiver, SFP28  | 32 G      | 100 M    | LC Duplex |
| BO27AA856S1D | Transceiver, SFP28  | 32 G      | 100 M    | LC Duplex |
| BO28AB859S1D | Transceiver, QSFP28 | 128 G     | 100 M    | MPO/MTP   |
| BO28AB13610D | Transceiver, QSFP28 | 128 G     | 10 KM    | LC Duplex |

## 40 G



| Item number   | Type                 | Data rate  | Distance | Plug        |
|---------------|----------------------|------------|----------|-------------|
| BO25K859S2D   | Transceiver, QSFP    | 40 G       | 150 M    | MPO/MTP     |
| BO25K856S2D   | Transceiver, QSFP    | 40 G       | 150 M    | LC Duplex   |
| BO25K13610D   | Transceiver, QSFP    | 40 G       | 10 KM    | LC Duplex   |
| BO25K13630D   | Transceiver, QSFP    | 40 G       | 30 KM    | LC Duplex   |
| BO-QSFP-SFP+  | Konverter            | 40 / 100 G | -        | SFP+/SFP28  |
| SC252501K3M30 | Direct Attach Cable  | 40 G       | 3 M      | QSFP/QSFP   |
| SC253501K3M30 | Direct Attach Cable  | 40 G       | 3 M      | QSFP/4xSFP+ |
| BO252503K10M  | Active Optical Cable | 40 G       | 10 M     | QSFP/QSFP   |

## 100 G



| Item number   | Type                          | Data rate | Distance | Plug           |
|---------------|-------------------------------|-----------|----------|----------------|
| BO28L859S1D   | Transceiver                   | 100 G     | 100 M    | MPO/MTP        |
| BO28L13602D   | Transceiver                   | 100 G     | 2 KM     | LC Duplex      |
| BO28L13610D   | Transceiver                   | 100 G     | 10 KM    | LC Duplex      |
| BO28L13640D   | Transceiver                   | 100 G     | 40 KM    | LC Duplex      |
| SC282801L3M26 | Direct Attach Cable           | 100 G     | 3 M      | QSFP28/QSFP28  |
| SC282701L3M26 | Direct Attach Cable           | 100 G     | 3 M      | QSFP28/4xSFP28 |
| BO282803L10M  | Transceiver                   | 100 G     | 10 M     | QSFP28/QSFP28  |
| BO282703L10M  | Active Optical Cable Breakout | 100 G     | 10 M     | QSFP28/4xSFP28 |

## 200 G



| Item number   | Type                          | Data rate | Distance | Plug                 |
|---------------|-------------------------------|-----------|----------|----------------------|
| BO07W859S1D   | Transceiver                   | 200 G     | 100 M    | MPO/MTP              |
| BO07W13610D   | Transceiver                   | 200 G     | 10 KM    | LC Duplex            |
| BL072001W3M26 | Active Optical Cable Breakout | 200 G     | 3 M      | QSFP56/<br>2x QSFP56 |
| BL070701W3M30 | Active Optical Cable          | 200 G     | 3 M      | QSFP56/QSFP56        |
| BL072001W5M26 | Active Optical Cable Breakout | 200 G     | 5 M      | QSFP56/<br>2x QSFP56 |
| BL070701W5M30 | Direct Attach Cable           | 200 G     | 5 M      | QSFP56/QSFP56        |
| BO070703W10M  | Active Optical Cable          | 200 G     | 10 M     | QSFP56/QSFP56        |
| BO072003L10M  | Active Optical Cable Breakout | 200 G     | 10 M     | QSFP56/<br>2x QSFP56 |



## 400 G



| Item number   | Type                 | Data rate | Distance | Plug                 |
|---------------|----------------------|-----------|----------|----------------------|
| BO30X854S1D   | Transceiver, OSFP    | 400 G     | 100 M    | MPO-16/MTP-16        |
| BO30XIC610D   | Transceiver, OSFP    | 400 G     | 10 KM    | LC Duplex            |
| BO29X854S1D   | Transceiver, QSFP-DD | 400 G     | 100 M    | MPO-16/MTP-16        |
| BO29XIC610D   | Transceiver, QSFP-DD | 400 G     | 10 KM    | LC Duplex            |
| BO29XIC602D   | Transceiver, QSFP-DD | 400 G     | 2 KM     | LC Duplex            |
| BL292901X3M26 | Direct Attach Cable  | 400 G     | 3 M      | QSFP-DD/<br>QSFP-DD  |
| BL292801X3M26 | Direct Attach Cable  | 400 G     | 3 M      | QSFP-DD/<br>4xQSFP28 |
| BL290601X3M26 | Direct Attach Cable  | 400 G     | 3 M      | QSFP-DD/<br>8xSFP56  |



CBO GmbH  
Friedhofstr. 25  
45478 Mülheim an der Ruhr  
Fon: (+49) 208 - 777 247 - 0  
Fax: 0208 - 777 247 - 99  
Web: [www.cbo-it.de](http://www.cbo-it.de)