

## Accessories for Optribution® Chassis



*The final product may vary from the above image depending on the options selected.*

### Products:

<b>DEV 7512</b>	1:2 Optribution® Splitter; 1260...1610 nm; SC/APC
<b>DEV 7514</b>	1:4 Optribution® Splitter; 1260...1610 nm; SC/APC
<b>DEV 7518</b>	1:8 Optribution® Splitter; 1260...1610 nm; SC/APC
<b>DEV 7612</b>	1:2 CWDM Optribution® De-/Multiplexer; SC/APC
<b>DEV 7614</b>	1:4 CWDM Optribution® De-/Multiplexer; SC/APC
<b>DEV 7618</b>	1:8 CWDM Optribution® De-/Multiplexer; SC/APC
<b>DEV 7658</b>	1:8 DWDM Optribution® De-/Multiplexer; SC/APC; with Extension Port

### Features:

- Optical Splitter Modules for the Distribution of Optical Signals
- Optical De-/Multiplexer Modules for CWDM Systems
- Optical De-/Multiplexer Modules for DWDM Systems
- Optical Connector Type SC/APC (optional FC/APC or E2000 HRL)

**Technical Data**

**DEV 7512 1:2 Optribution® Splitter; 1260...1610 nm; SC/APC**  
**DEV 7514 1:4 Optribution® Splitter; 1260...1610 nm; SC/APC**  
**DEV 7518 1:8 Optribution® Splitter; 1260...1610 nm; SC/APC**

**Optical Specifications**

Number of Optical Inputs 1  
 Number of Optical Outputs DEV 7512: 2; DEV 7514: 4; DEV 7518: 8  
 Wavelengths 1260...1610 nm  
 Connector Type & Options Standard: SC/APC, Option 07: FC/APC, Option 08: E2000 HRL  
 Optical Insertion Loss DEV 7512: <4.5 dB; DEV 7514: <8.0 dB; DEV 7518: <11.0 dB

**General Specifications**

Size DEV 7512: 4 HP (20 mm) or DEV 7514, DEV 7518: 6 HP (30 mm) Width, 3 RU (133 mm) Height  
 Weight DEV 7512: ~0.3 kg; DEV 7514: ~0.4 kg; DEV 7518: ~0.5 kg  
 Environmental Conditions ETS 300019 Part 1-3 Class 3.1

**DEV 7612 1:2 CWDM Optribution® De-/Multiplexer; SC/APC**  
**DEV 7614 1:4 CWDM Optribution® De-/Multiplexer; SC/APC**  
**DEV 7618 1:8 CWDM Optribution® De-/Multiplexer; SC/APC**

The DEV 761x can either be used as a multiplexer in CWDM Tx Systems or as a demultiplexer in CWDM Rx Systems.

■ The optical patch cables to connect the de-/multiplexer to the optical CWDM Tx modules or to optical Rx modules are part of the delivery.

**Optical Specifications**

Number of Optical Inputs / Outputs DEV 7612: 2  
 DEV 7614: 4  
 DEV 7618: 8 (with Option +Lambda0: 9)  
 Wavelengths  
 DEV 7618: Port λ1: 1470 nm  
 DEV 7618: Port λ2: 1490 nm  
 DEV 7614, DEV 7618: Port λ3: 1510 nm  
 DEV 7612, DEV 7614, DEV 7618: Port λ4: 1530 nm  
 DEV 7612, DEV 7614, DEV 7618: Port λ5: 1550 nm  
 DEV 7614, DEV 7618: Port λ6: 1570 nm  
 DEV 7618: Port λ7: 1590 nm  
 DEV 7618: Port λ8: 1610 nm  
 (with Option +Lambda0 additionally:  
 DEV 7618: Port λ0: 1310 nm)

Optical Connector Patch Cables

LC/APC

Connector Type & Options

(Common Port / Patch Cables) Standard: SC/APC, Option 07: FC/APC, Option 08: E2000 HRL  
 Passband Bandwidth ±7.5 nm (typical)

Max. Optical Insertion Loss in minimum Passband <1 dB

Adjacent Channel Isolation >37 dB

Directivity >50 dB

**General Specifications**

Size 4 HP (20 mm) Width, 3 RU (133 mm) Height

Weight ~0.3 kg

Environmental Conditions ETS 300019 Part 1-3 Class 3.1

**Technical Data (cont.)**

**DEV 7658 1:8 DWDM Optribution® De-/Multiplexer; SC/APC; w/ Extension Port**

The DEV 7658 can either be used as a multiplexer in DWDM Tx Systems or as a demultiplexer in DWDM Rx Systems.

- Integrated extension port for cascading several DEV 7658.
- The optical patch cables to connect the de-/multiplexer to the optical DWDM Tx modules or to optical Rx modules are part of the delivery.

**Optical Specifications**

Number of Optical Inputs / Outputs

8 + Extension Port

Wavelength Options

Option CH17...24:

CH 17 (1563.86 nm), CH 18 (1563.05 nm), CH 19 (1562.23 nm),  
CH 20 (1561.42 nm), CH 21 (1560.61 nm), CH 22 (1559.79 nm),  
CH 23 (1558.98 nm), CH 24 (1558.17 nm).

Option CH25...32:

CH 25 (1557.36 nm), CH 26 (1556.56 nm), CH 27 (1555.75 nm),  
CH 28 (1554.94 nm), CH 29 (1554.13 nm), CH 30 (1553.33 nm),  
CH 31 (1552.52 nm), CH 32 (1551.72 nm).

Option CH33...40:

CH 33 (1550.92 nm), CH 34 (1550.12 nm), CH 35 (1549.32 nm),  
CH 36 (1548.51 nm), CH 37 (1547.72 nm), CH 38 (1546.92 nm),  
CH 39 (1546.12 nm), CH 40 (1545.32 nm).

Option CH41...48:

CH 41 (1544.53 nm), CH 42 (1543.73 nm), CH 43 (1542.94 nm),  
CH 44 (1542.14 nm), CH 45 (1541.35 nm), CH 46 (1540.56 nm),  
CH 47 (1539.77 nm), CH 48 (1538.98 nm).

Option CH49...56:

CH 49 (1538.19 nm), CH 50 (1537.40 nm), CH 51 (1536.61 nm),  
CH 52 (1535.82 nm), CH 53 (1535.04 nm), CH 54 (1534.25 nm),  
CH 55 (1533.47 nm), CH 56 (1532.68 nm).

Option CH57...64:

CH 57 (1531.90 nm), CH 58 (1531.12 nm), CH 59 (1530.33 nm),  
CH 60 (1529.55 nm), CH 61 (1528.77 nm), CH 62 (1527.99 nm),  
CH 63 (1527.22 nm), CH 64 (1526.44 nm).

Optical Connector Patch Cables

LC/APC

Connector Type & Options

(Common Port / Patch Cables)

Standard: SC/APC, Option 07: FC/APC, Option 08: E2000 HRL

Passband Bandwidth

≥ ±0.11 nm

Polarization dependent Loss

≤0.2 dB

Max. Optical Insertion Loss in minimum Passband

<3.8 dB, typical 1 dB

Adjacent Channel Isolation

≥30 dB

Non adjacent Channel

Isolation

≥50 dB

Directivity

>50 dB

Maximum Optical Power

500 mW / 27 dBm

**General Specifications**

Size

4 HP (20 mm) Width, 3 RU (133 mm) Height

Weight

~0.3 kg

Environmental Conditions

ETS 300019 Part 1-3 Class 3.1

## Order Information

### Optical Splitter Modules

DEV 7512	1:2 Optribution® Splitter; 1260...1610 nm; SC/APC
DEV 7514	1:4 Optribution® Splitter; 1260...1610 nm; SC/APC
DEV 7518	1:8 Optribution® Splitter; 1260...1610 nm; SC/APC

### Optical De-/Multiplexer Modules

DEV 7612	1:2 CWDM Optribution® De-/Multiplexer; SC/APC
DEV 7614	1:4 CWDM Optribution® De-/Multiplexer; SC/APC
DEV 7618	1:8 CWDM Optribution® De-/Multiplexer; SC/APC
Option +Lambda0	Additional Input 1310 nm (DEV 7618)
DEV 7658	1:8 DWDM Optribution® De-/Multiplexer; SC/APC; with Extension Port
Option CH17...24	1563.86 nm ... 1558.17 nm
Option CH25...32	1557.36 nm ... 1551.72 nm
Option CH33...40	1550.92 nm ... 1545.32 nm
Option CH41...48	1544.53 nm ... 1538.98 nm
Option CH49...56	1538.19 nm ... 1532.68 nm
Option CH57...64	1531.90 nm ... 1526.44 nm

### Optical Connector Options for Splitter Modules and De-/Multiplexer Modules

Option 07	FC/APC Optical Connector
Option 08	E2000/HRL Optical Connector

## Contact

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*Technical specifications are subject to change*