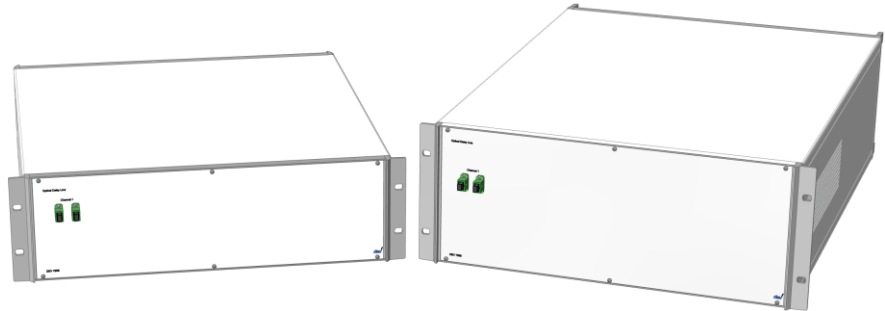


## Optribution Delay Lines



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

### Products

**DEV 7859** Optical Delay Line; SC/APC; 3 RU

**DEV 7860** Optical Delay Line; SC/APC; 4 RU

### Features

- Optical Delay Lines in 3 RU or 4 RU Chassis
- Time Delay for the DEV 7859 up to 120  $\mu$ s (optional up to 240  $\mu$ s) and for the DEV 7860 up to 360  $\mu$ s (optional up to 480  $\mu$ s)
- High Delay Accuracy
- Low Attenuation
- Optical Connector Options

**DEV 7859**      **Optical Delay Line; SC/APC; 3 RU**

**DEV 7860**      **Optical Delay Line; SC/APC; 4 RU**

	Value	Condition
<b>Optical Specifications</b>		
Optical Connector	SC/APC, E2000/HRL, or FC/APC	Standard is SC/APC
Fiber Type	Single Mode 9/125 $\mu$ m	
Wavelength	1310...1625 nm	
Attenuation	<0.35 dB/km @ 1310 nm <0.20 dB/km @ 1550 nm <0.23 dB/km @ 1625 nm	Notes 1, 2
Time Delay	up to 120 $\mu$ s [DEV 7859] up to 240 $\mu$ s [DEV 7859 w/ Option 67] up to 360 $\mu$ s [DEV 7860] up to 480 $\mu$ s [DEV 7860 w/ Option 68]	Note 3
Delay Accuracy	$\pm 1$ $\mu$ s	
<b>General Specifications</b>		
Size	Width 19" (483 mm), Height 3 RU (133 mm) [DEV 7859] / 4 RU (178 mm) [DEV 7860], Depth 19.5" (495 mm) [DEV 7859] / 24.8" (631 mm) [DEV 7860]	
Weight	7...22 kg	
Environmental Conditions	ETS 300019 Part 1-3 Class 3.1E	

Note 1: Without connector loss

Note 2: For total optical attenuation, add 1 dB connector losses (i.e., 0.5 dB per connector)

Note 3: Calculations are based on physical lengths of the optic fiber; delay is assumed as 4.9  $\mu$ sec/km

## Order Information

### Products and Options

DEV 7859      Optical Delay Line; SC/APC; 3 RU  
Option 67      Extended Delay from 120  $\mu$ s up to 240  $\mu$ s

DEV 7860      Optical Delay Line; SC/APC; 4 RU  
Option 68      Extended Delay from 360  $\mu$ s up to 480  $\mu$ s

### Optical Connector Options

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

Please remember to specify the **required Time Delay** for your Application!

## Contact

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