

## Rugged Inline Fibre Optic Attenuators



### Features and Benefits

- Perform accurate system testing by providing no attenuation loss.
- High attenuation stability
- Rugged packaging makes it ideal for use in the field as well as on a test bench.
- Custom attenuations levels can be provide

### AEROSPACE FIBRES

Manufactured using Aerospace fibre optic cable:

- JN1008-B-LA

### CONNECTORS TO SUIT

Supports testing with the following fibre optic contacts:

- ST
- FC
- HA / RSC / MFM
- And more...

### EASY TO USE

### Description

This device is a rugged fixed optical attenuator design to provide accurate and repeatable attenuation to your test system. This version of the attenuator is designed for use with the JN1008-B-LA optical fibre systems and has been armored so that it will keep working in the toughest of environments.

The attenuation of the system is setup using a condition light source to guarantee a representative and repeatable attenuation for your system. The design also considers AVoptics' years of experience with working with fibre optics in harsh environments and therefore can be trusted to work in the most challenging of environments.

### Technical Specifications

Fibre Optic Attenuator (P/N: AVT-192)	
<b>Cable structure</b>	Armored Stainless Steel
<b>Length</b>	5m* (*Please enquire for different lengths)
<b>Optical Cable</b>	200/280um SI
<b>Attenuation</b>	2 -> 40dB (specified at time of order)
<b>Dimensions</b>	152 x 83 x 33mm

### Ordering Information

#### AVT-192-AA-B<sub>1</sub>B<sub>1</sub>-B<sub>2</sub>B<sub>2</sub>-CCCC-D

AA	BB	CCCC	D
<b>Attenuation Loss in dB</b> Range: 03 - 40dB Accuracy: 0 +2dB	HA – HA connector 'U' FC – FC connector SMA – SMA connector ST – ST connector HAN – HA Keyway N HAA – HA Keyway A	<b>Length in mm</b> (If left blank length will be 5000mm)	<b>Location of Attenuator.</b> '1' or Blank – 400mm from end B <sub>1</sub> '2' – 400mm from end B <sub>2</sub> C – Located Centrally on harness

*Note: If only one connector is identified, the connector will be the same at either end*

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