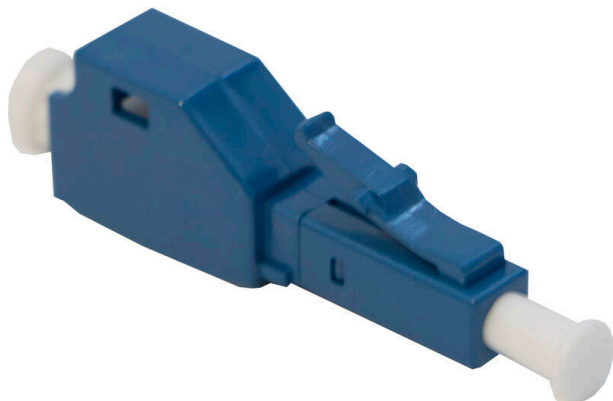


Excel Enbeam LC Singlemode 10dB Attenuator

Item Code: 208-565



✕ Compact design

✕ Easy to connect/ disconnect

✕ Available in SC/APC, SC/UPC, LC/UPC and LC/APC

✕ Available in fixed attenuation values of 1/2/5/10/15/20 dB

✕ 25 Year system warranty

Product Overview

The Excel Enbeam Fixed value attenuators are used to match signal power to receiver dynamic range in optical networks. The Excel range of singlemode high performance devices are designed to give accurate attenuation over a wide range of wavelengths.

The plug type configuration allows easy to use functionality 'straight out of the box'. This allows connection directly to the fibre patch cord, for insertion onto the adaptor.

Product Specifications

| Feature | Values |
|------------------------|-------------------|
| Signal attenuation | 10 dB |
| Ambient temperature | -40...75 °C |
| Fibre type | Single mode 9/125 |
| Connector connection 1 | LC |

Additional specifications

| Features | Values |
|-------------------------------|------------------|
| Ferrule Type | Zirconia Ceramic |
| Operating Wavelength (nm) | 1310nm, 1550nm |
| Attenuation accuracy 1-5 dB | ±0.5dB |
| Attenuation accuracy 10 dB | ±0.75dB |
| Attenuation accuracy 15-20 dB | ±10% overall dB |

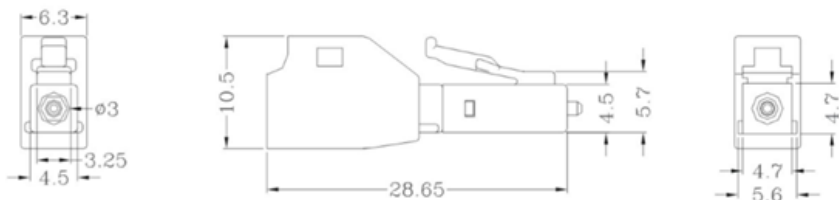
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| | |
|-------------------|-------------|
| Return loss (UPC) | ≥55dB |
| Return loss (APC) | ≥65dB |
| Mating Durability | ≥1000 cycle |
| Housing | Zinc Alloy |

Product drawing



Standards

| Applicable standard | Detail |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS-II/-III (2011/65/EU & 2015/863): 2023 | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III). |
| IEC 61754-1:2013 | Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance |
| WFD: 2023 | Compliant to Waste Framework Directive |
| SCIP: 2023 | Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products) |
| POPs (EU) No 2019/1021 | EU Regulation for the restriction of Persistent Organic Pollutants. |

Excel Enbeam LC Singlemode 10dB Attenuator

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Part Number Table

| Part Number | Description |
|-------------|---------------------------------------------|
| 208-562 | Excel Enbeam LC Singlemode 1dB Attenuator |
| 208-563 | Excel Enbeam LC Singlemode 2dB Attenuator |
| 208-564 | Excel Enbeam LC Singlemode 5dB Attenuator |
| 208-565 | Excel Enbeam LC Singlemode 10dB Attenuator |
| 208-566 | Excel Enbeam LC Singlemode 15dB Attenuator |
| 208-567 | Excel Enbeam LC Singlemode 20dB Attenuator |
| 208-568 | Enbeam LCA singlemode 1db attenuator |
| 208-569 | Excel Enbeam LCA Singlemode 2dB Attenuator |
| 208-570 | Excel Enbeam LCA Singlemode 5dB Attenuator |
| 208-571 | Excel Enbeam LCA Singlemode 10dB Attenuator |
| 208-572 | Excel Enbeam LCA Singlemode 15dB Attenuator |
| 208-573 | Excel Enbeam LCA Singlemode 20dB Attenuator |
| 208-574 | Enbeam LC/UPC Singlemode 3 dB Attenuator |
| 208-575 | Enbeam LC/UPC Singlemode 7 dB Attenuator |

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at sales@excel-networking.com



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.