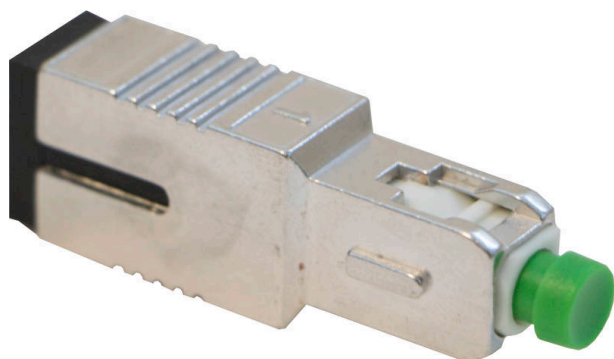


# Enbeam SCA singlemode 2db attenuator

Item Code: 208-557

**excel**  
without compromise.



✕ 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            |
|-----------------------|-------------------|
| Attenuation           | 2 dB              |
| Return loss (min)     | 40...60 dB        |
| Operation temperature | -40...75 °C       |
| Fibre type            | Single mode 9/125 |
| Type of connector     | SC/APC            |

## 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          |

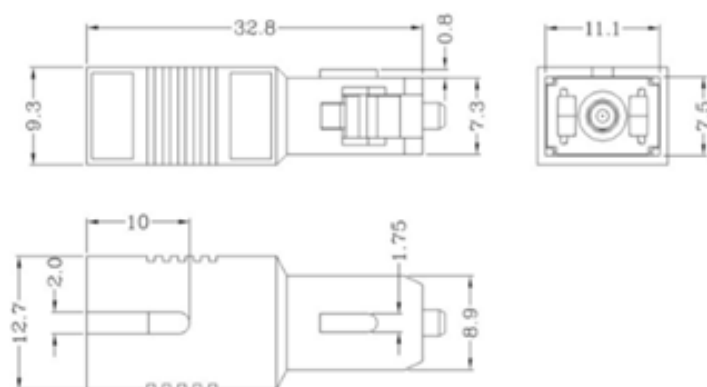
# Enbeam SCA singlemode 2db attenuator



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|                               |                 |
|-------------------------------|-----------------|
| Attenuation accuracy 15-20 dB | ±10% overall dB |
| Return loss (UPC)             | ≥55dB           |
| Return loss (APC)             | ≥65dB           |
| Mating Durability             | ≥1000 cycle     |
| Housing                       | Zinc Alloy      |

## Product drawing



## Standards

| Applicable standard | Detail                                                                                                                       |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|
| RoHS                | Restriction of Hazardous Substances - Compliant                                                                              |
| IEC 61754-1:2013    | Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance |

## Part Number Table

| Part Number | Description                          |
|-------------|--------------------------------------|
| 208-550     | Enbeam SC singlemode 1db attenuator  |
| 208-551     | Enbeam SC singlemode 2db attenuator  |
| 208-552     | Enbeam SC singlemode 5db attenuator  |
| 208-553     | Enbeam SC singlemode 10db attenuator |

# Enbeam SCA singlemode 2db attenuator



Item Code: 208-557

|         |                                       |
|---------|---------------------------------------|
| 208-554 | Enbeam SC singlemode 15db attenuator  |
| 208-555 | Enbeam SC singlemode 20db attenuator  |
| 208-556 | Enbeam SCA singlemode 1db attenuator  |
| 208-557 | Enbeam SCA singlemode 2db attenuator  |
| 208-558 | Enbeam SCA singlemode 5db attenuator  |
| 208-559 | Enbeam SCA singlemode 10db attenuator |
| 208-560 | Enbeam SCA singlemode 15db attenuator |
| 208-561 | Enbeam SCA singlemode 20db 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](mailto:sales@excel-networking.com)



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