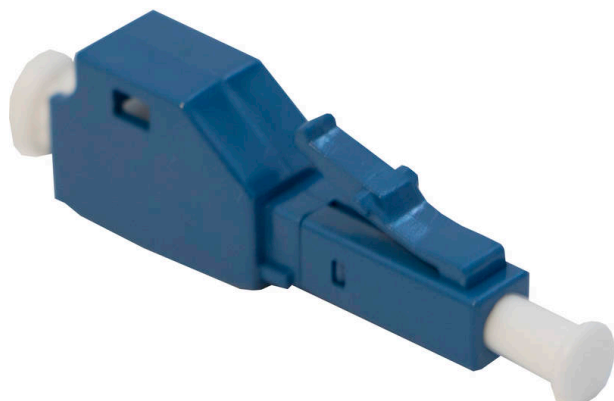


# Enbeam LC singlemode 5db attenuator

Item Code: 208-564

**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	5 dB
Return loss (min)	40...60 dB
Operation temperature	-40...75 °C
Fibre type	Single mode 9/125
Type of connector	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

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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
208-562	Enbeam LC singlemode 1db attenuator
208-563	Enbeam LC singlemode 2db attenuator
208-564	Enbeam LC singlemode 5db attenuator
208-565	Enbeam LC singlemode 10db attenuator
208-566	Enbeam LC singlemode 15db attenuator
208-567	Enbeam LC singlemode 20db attenuator

# Enbeam LC singlemode 5db attenuator

Item Code: 208-564



208-568	Enbeam LCA singlemode 1db attenuator
208-569	Enbeam LCA singlemode 2db attenuator
208-570	Enbeam LCA singlemode 5db attenuator
208-571	Enbeam LCA singlemode 10db attenuator
208-572	Enbeam LCA singlemode 15db attenuator
208-573	Enbeam LCA 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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