



### Model Number

#### LMR 18-1,1-0,5-K3

Glass fiber optic - diffuse with metal covering  
Threading M4

### Features

- Sturdy metallic version
- Chemical-resistant
- Thread M4

### Series

#### Fiber optic amplifiers

Device series VL18LL  
VariKont M

### Description

#### Attention:

Fibre optics must not be twisted or kinked. Excessive tensile loads will lead to destruction. Contact with petrol or organic solvents must be prevented.



### Technical data

#### General specifications

Fiber optic length	l	500 mm
Fiber optic diameter	d	5.3 mm
Adapter form		18
End piece		thread
Bending radius		min. 20 mm
Fiber bundle diameter		1.1 mm
Fiber configuration	Fv	optical seperated
Approvals		CE
Angle of divergence		68 °

#### Ambient conditions

Ambient temperature	-20 ... 85 °C (-4 ... 185 °F) [Adapter]
	-50 ... 200 °C (-58 ... 392 °F) [End head and Covering]
Storage temperature	-20 ... 85 °C (-4 ... 185 °F)

#### Mechanical specifications

Protection degree	IP40
Material	
Optical face	glass
Sheathing	metal
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	PBT
Extraction force	120 N

### Dimensions

