



Model Number

LMR 18-1,1-0,5-K2

Glass fiber optic - diffuse with metal covering

Threading M8

Features

- Sturdy metallic version
- Chemical-resistant
- M8 x 1 thread

Series

Fiber optic amplifiers

Device series	VL18LL VariKont M
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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 mm
Adapter form		18
End piece		thread
Bending radius		min. 20 mm
Fiber bundle diameter		0.8 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	at probe at 20°C: 120 N

Dimensions

