



Model Number

LMR 18-2,3-0,5-K9

Glass fiber optic - diffuse with metal covering

Features

- Sturdy metallic version
- Chemical-resistant

Series

Fiber optic amplifiers

Device series	VL18LL VariKont M
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Description

Attention:

Fiber 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		Cylindrical right angle
Bending radius		min. 20 mm
Fiber bundle diameter		1.6 mm
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

