



Model Number

LMR 04-0,5-0,5-Z1

Glass fiber optic - diffuse with metal covering

Features

- Sturdy metallic housing
- Chemical-resistant

Series

Fiber optic amplifiers

Device series MLV41-LL

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		04
End piece		Cylindrical
Bending radius		min. 19 mm
Fiber bundle diameter		0.5 mm optical face: 0.2 mm ²
Fiber configuration	Fv	optical separated
Angle of divergence		approx. 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 (1.4305 / AISI 303)
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	PVC
Extraction force	at probe at 20°C: 120 N

Dimensions

