



### Model Number

**LLR 04-1,6-0,5-G(M6x30)**

Glass fiber optic - diffuse with metal silicone covering

### Features

- 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	7.3 mm
Adapter form		04
End piece		thread
Bending radius		min. 20 mm
Fiber bundle diameter		1.6 mm optical face: 2 mm <sup>2</sup>
Fiber configuration	Fv	optical separated
Angle of divergence		approx. 68 °

#### Ambient conditions

Ambient temperature	-20 ... 85 °C (-4 ... 185 °F) [Adapter] -40 ... 180 °C (-40 ... 356 °F) [End head and Covering]
Storage temperature	-20 ... 85 °C (-4 ... 185 °F)

#### Mechanical specifications

Protection degree	IP65
Material	
Optical face	glass
Sheathing	Metal-silicon
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	PVC
Extraction force	at probe at 20°C: 120 N

### Dimensions

