



Model Number

LLR 04-1,6-0,5-W C3

Glass fiber optic - diffuse with metal silicone covering

Features

- Chemical-resistant

Series

Fiber optic amplifiers

Device series	MLV41-LL
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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	7.3 mm
Adapter form		04
End piece		Thread / cylindrical right angle
Bending radius		min. 20 mm
Fiber bundle diameter		1.8 mm optical face: 2.5 mm ²
Fiber configuration	Fv	statistical mixed
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

