



Model Number

LSR 04-1,6-0,85-WC12M6

Glass fiber optic - diffuse with silicon covering

Features

- Chemical-resistant
- Thread M6

Series

Fiber optic amplifiers

Device series	MLV41-LL IR MLV41-LL RT
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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	850 mm
Fiber optic diameter	d	7.5 mm
Adapter form		04
End piece		Thread / cylindrical right angle
Bending radius		min. 25 mm
Fiber bundle diameter		1.6 mm optical face: 2 mm ²
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

Degree of protection	IP65
Material	
Optical face	glass
Sheathing	silicone
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	ABS<P></P>
Tightening torque, fastening screws	max: 1 Nm
Extraction force	at probe at 20°C: 60 N

Dimensions

