



Model Number

LHR 01-2,5-0,15-Z1

Glass fiber optic - diffuse with silicon covering

Features

- High flexible
- Chemical-resistant

Series

Fiber optic amplifiers

Device series KSU-LL

Description

Attention:

Fibre optics must not be twisted or kinked. Excessive tensile loads will lead to destruction.



Technical data

General specifications

Fiber optic length	l	150 mm
Fiber optic diameter	d	4.4 mm
Adapter form		01
End piece		Cylindrical
Bending radius		min. 5 mm static
Fiber bundle diameter		2.5 mm optical face: 4.9 mm ²
Angle of divergence		approx. 68 °

Ambient conditions

Ambient temperature		-20 ... 85 °C (-4 ... 185 °F) [Adapter]
		-20 ... 85 °C (-4 ... 185 °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		Stainless steel 1.4305 / AISI 303
Extraction force		at probe at 20°C: 7.5 N

Dimensions

