



Model Number

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

Glass fiber optic - diffuse with metal covering

Features

- Sturdy metallic housing

Series

Fiber optic amplifiers

Device series	MLV40-LL MLV41-LL
---------------	----------------------

Description

Attention:

Fibre 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	8 mm
Adapter form		04
End piece		Thread / cylindrical right angle
Bending radius		min. 16 mm
Fiber bundle diameter		1.6 mm optical face: 2 mm ²
Fiber configuration	Fv	optical separated
Approvals		CE
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
Tightening torque, fastening screws	max: 1 Nm
Extraction force	at probe at 20°C: 120 N

Dimensions

