Plastic fiber optic

Model Number

KLR-C02-2,2-2,0-K70
Plastic fiber optic - diffuse
M6 threading

Features

• Thread M6

Series

Fiber optic amplifiers
Device series SU18 ; SU18/35 ; SU19

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.

Accessories

OMH-LL-M6
Mounting bracket for fiber optic cable, M6 thread
KM6-0,5
Metal protection for plastic fiber optics M6 x 0.5 m
KM6-1,0
Metal protection for plastic fiber optics M6 x 1.0 m

Technical data

General specifications

<table>
<thead>
<tr>
<th>Sensor range</th>
<th>SU18: 80 mm</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>SU18/35: 280 mm</td>
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<tr>
<td></td>
<td>SU19: 80 mm</td>
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<tr>
<td>Fiber optic length</td>
<td>l 2000 mm , adjustable</td>
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<tr>
<td>Fiber optic diameter</td>
<td>d 2.2 mm</td>
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<tr>
<td>Adapter form</td>
<td>00</td>
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<tr>
<td>End piece thread</td>
<td></td>
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<tr>
<td>Bending radius</td>
<td>min. 25 mm</td>
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<tr>
<td>Fiber configuration</td>
<td>Fv see dimensions</td>
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<tr>
<td>Angle of divergence</td>
<td>67 °</td>
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<tr>
<td>Accessories provided</td>
<td>Cutter for plastic fiber optics</td>
</tr>
</tbody>
</table>

Ambient conditions

Ambient temperature: -55 ... 70 °C (-67 ... 158 °F)

Mechanical specifications

Material

Optical face          plastic
Sheathing             PVC
Core                   plastic
End piece             Stainless steel 1.4305 / AISI 303

Dimensions

![Diagram of fiber optic](image)