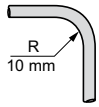
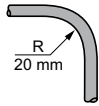


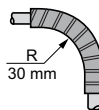
**“GLASS” fibre optics for diffuse system**



**Standard sheath**  
External Ø  
XUYFVP: 5 mm  
XUYFVER: 3 mm

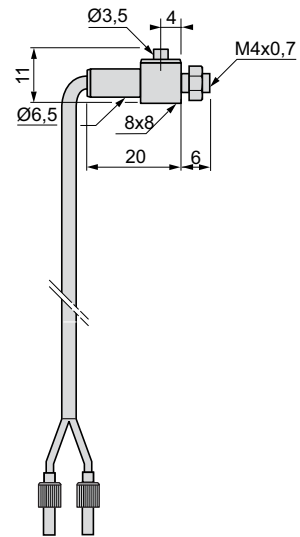
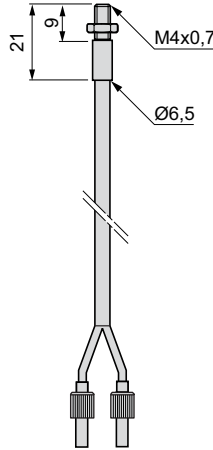


**Metal reinforced sheath**  
XUYFVP: 5 mm  
XUYFVER: 3.5 mm



**High temperature sheath**  
XUYFVP: 5 mm  
XUYFVER: 5 mm

R = minimum bend radius



**Applications**

- Detection in high temperature environment (up to 200 °C)
- Detection in aggressive environment
- Application requiring high level of performance

**References**

Type of end fitting	Straight			Lateral		
	Standard	Metal reinforced	High temperature	Standard	Metal reinforced	High temperature
Sheath						
References with 0.60 m long fibre (1)	<b>XUYFVPSD61</b>	<b>XUYFVPM61</b>	<b>XUYFVPTD61</b>	<b>XUYFVPSL61</b>	<b>XUYFVPM61</b>	<b>XUYFVPTL61</b>
Nominal sensing distance Sn (mm)	80	80	80	80	80	80
Weight (kg)	0.040	0.045	0.052	0.042	0.056	0.056

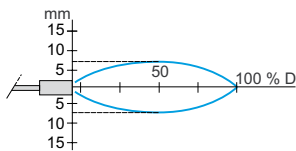
**Characteristics**

<b>Fibre</b>	400 strands per mm <sup>2</sup>
<b>Usable diameter of fibre</b>	1.2 mm
<b>Ambient air temperature</b>	For operation <b>Standard:</b> - 25...+ 60 °C <b>Metal reinforced:</b> - 25...+ 120 °C <b>High temperature:</b> -25...+ 200 °C
<b>Detection end fitting</b>	Nickel plated brass
<b>Materials</b>	Fibre: 50 µ glass Sheath: <b>Standard:</b> PVC + thermo polyolefine, <b>Metal reinforced:</b> spiralled metal + polyolefine <b>High temperature:</b> flexible stainless steel

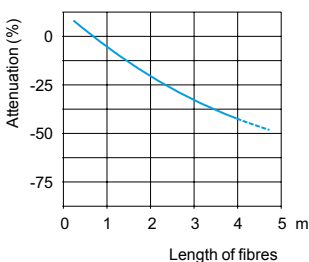
(1) For 1 m long fibre, replace 61 in the reference by 101. Example: XUYFVPSD61 becomes XUYFVPSD101 for a 1 m long fibre.  
For 1.5 m long fibre, replace 61 in the reference by 151. Example: XUYFVPM61 becomes XUYFVPM151 for a 1.5 m long fibre.  
For 2 m long fibre, replace 61 in the reference by 201. Example: XUYFVPTD61 becomes XUYFVPTD201 for a 2 m long fibre.

**Detection and attenuation curves**

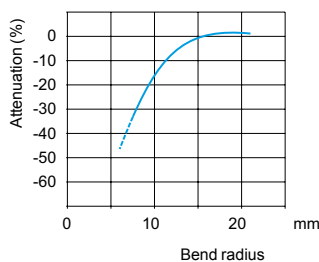
**XUYFVP●●61**



**Attenuation related to length**



**Bending influence**



**Material influence**

