



Glass fiber optic - diffuse with PVC covering

Technical drawing of a shaft-hub assembly. The drawing shows a shaft of diameter d passing through a hub. The hub has an outer diameter of $\varnothing 15$ and a bore diameter of $\varnothing 4.5$. The shaft is secured with a pin of diameter $\varnothing 4.5$. The pin is located at a distance of 20 from the left end of the hub and 5 from the right end. The total length of the hub is 21. The distance from the left end of the hub to the center of the pin is 35. The distance from the center of the pin to the right end of the hub is l . The pin is labeled M8 x 1. The shaft is labeled d . The hub is labeled $\varnothing 15$ and $\varnothing 4.5$. The pin is labeled $\varnothing 4.5$. The dimensions 20, 5, 21, 35, and l are indicated with arrows. The pin is shown in cross-section with a diameter of $\varnothing 4.5$. The hub is shown in cross-section with an outer diameter of $\varnothing 15$ and a bore diameter of $\varnothing 4.5$. The shaft is shown in cross-section with a diameter of d . The pin is labeled M8 x 1. The hub is labeled $\varnothing 15$ and $\varnothing 4.5$. The pin is labeled $\varnothing 4.5$. The dimensions 20, 5, 21, 35, and l are indicated with arrows.

Degree of protection	IP65
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Technical Data

Material		
Optical face		glass
Sheathing		PVC
Core		Glass fiber
End piece		Stainless steel 1.4305 / AISI 303
Adapter		PBT
Extraction force		100 N
Fiber optic amplifiers		
Device series		VL18LL VariKont M

Application

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.

