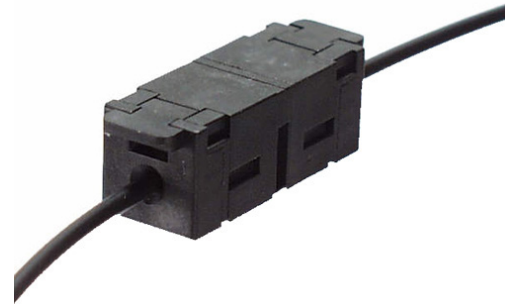


Coupling for Polymer Optical Fiber Cable 1/2.2mm

1 General description _____

The FO-Coupling style RPOpto-Clamp is optimized in particular for applications using standard 1mm polymer optical fiber demanding a fast and easy cable assembly with high reliability, very good optical and mechanical characteristics.



Picc. 1 RPOpto-Clamp coupling 1/2.2mm POF Cable

2 Application _____

Due to the good optical features and the easy cable assembly, the coupling is useable in several applications:

- Optical networking
- Industrial electronics
- Power electronics
- Consumer electronics

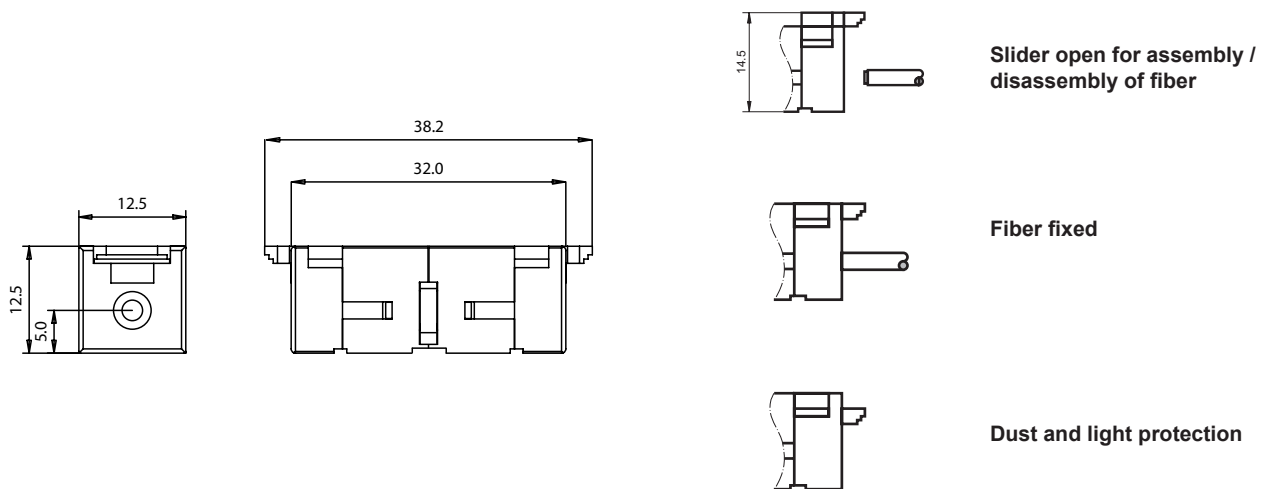
4 Features _____

- full plastic coupling
- useable with PA, PE, PVC jacketed POF cable with 2.2mm outer diameter
- low insertion loss
- easy assembly

5 Ordering information _____

Type	Order number
RPOpto-Clamp coupling POF cable 1/2.2mm	902KH001KR001

3 Technical drawing _____



Coupling for Polymer Optical Fiber Cable 1/2.2mm

6 Technical data _____

Parameter	Conditions	Value	Unit
Insertion loss	PA-, PE- or PVC-outer jacket fiber preparation with 910SZ00100001 cutting tool	< 1,6	dB
Retention force fiber optic cable	PA-jacket	50	N
	PE-jacket	25	
	PVC-jacket	15	
Max. tensile fiber tensile force	Coupling undamaged	< 75	N
Press force for assembly	PA-jacket	100	N
	PE-jacket	50	
	PVC-jacket	30	
Temperature range	-	-40 to +85	°C

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