

Accessories

Fibers

attocube's interferometer setups are all fiber-based systems allowing for convenient usage both in ambient conditions as well as extreme environments. Consequently, a wide variety of suitable standard and customized fibers is available.



Product Name	IDSMF/PC/RT	IDSMF/APC/RT
art. no.	1009980	1009981
working environment	ambient conditions	
outer diameter	3 mm	
length	5 m	
bending radius	4 cm	
jacket	PVC	
connectors	FC/PC-SC/APC	FC/APC-SC/APC
intended use	sensor head - IDS	feedthrough - IDS

Product Name	IDSMF/HV/LT
art. no.	1015965
working environment	mK..423 K, 1E-8 mbar, 10 Mgy
outer diameter	3 mm
length	2 m
bending radius	6 cm
jacket	metal
connectors	FC/PC-FC/APC
intended use	sensor head - feedthrough

Product Name	IDSMF/UHV
art. no.	1016354
working environment	UHV: 1E-10 mbar
outer diameter	3 mm
length	2 m
bending radius	6 cm
jacket	metal
connectors	FC/PC-FC/APC
intended use	sensor head - feedthrough

Compatible environments

/RT (ambient conditions): 0.. 100 °C, 1x10⁻⁴mbar.. 10bar
 /HV (high vacuum): 0.. 150 °C, 1x10⁻⁸mbar.. 10bar
 /UHV (ultra high vacuum): 0.. 150 °C, 1x10⁻¹⁰mbar.. 10bar

/LT (low temperature): mK.. 423K (150 °C 1x10⁻⁴mbar.. 10bar
 /RAD (radiation hard): 0.. 150 °C, up to 10MGy radiation dose