

avantis IO SLS FO

Min conductor	0.1 mm	0.004"
Max conductor	5 mm	0.200"
Max over insulation	7 mm	0.275"
Max tube die diameter	10 mm	0.400"

Use

Domain of use	Optical fiber
	Loose tube
	Tight buffer
	Zip cords with aramids
Compound	PVC / PE / PBT / PA / LSZH ...

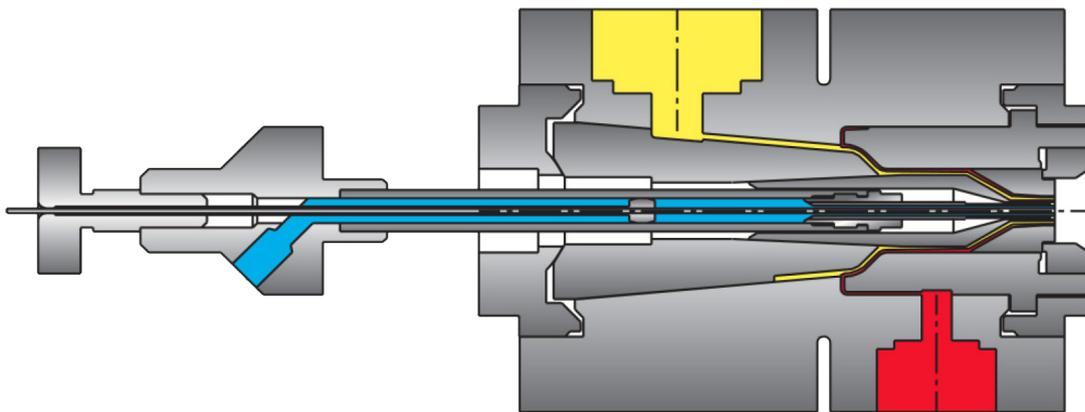
avantis

Characteristics

avantis IO SLS FO

	Fixed centering
SL	Single Layer
SLS	Single Layer + Skin or Stripe(s)
FO	Fiber Optic
Distribution mono-flow	Conical distribution cartridge Easy to clean-no holes or slots-no dead spots Constant and smooth compound flow No stress and no shear in the melted compound
Jelly injection system	Changeable entry and exit micro-tubes Spezial support with X and Y axis adjustment of exit micro-tube, to guarantee accurate and constant fiber centering
Gum Space	Axial die adjustment

Design



Options

Connections	Connecting flanges for any type of extruder
By pass	Manual - Pneumatic
Distributor	Special distribution cartridges for LSZH, PA, ...
Tooling	Hardened steel - Tungsten carbide - Diamond Compression - Tungsten carbide Loose tube Zipcords Tight High concentricity Design recommendation on request
Accessories	Assembly and disassembly cleaning kit
Spare parts	Permanent stock, shipment within 24 hours
Services	Microdia answers your request within 24 hours Technical assistance - Engineering - Commissioning

