

KLOTZ SmartBeam & Bulkhead

Multimode / Single-Mode

Technology

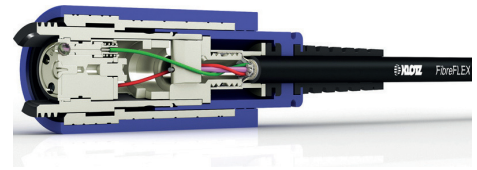
- Proven hermaphrodite SmartBeam lens connector
- compatible with: MIL-DTL-83526/20 connectors MIL-DTL-83526/21 bulkheads
- Fiberfox, Stratos, Optocore...

Features


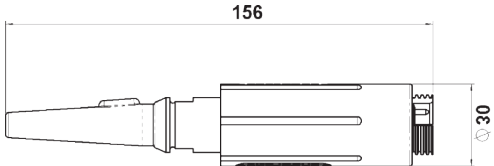
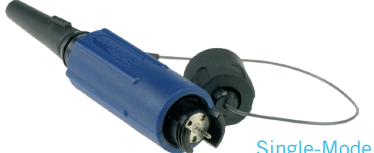
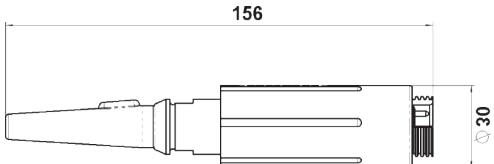

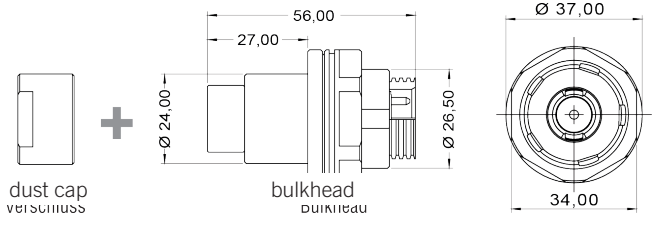
- 2- / 4-channel connectors
- designed for harsh climatic conditions
- Impervious to dirt
- Easy to clean
- With protective plastic cap
- Over 3,000 mating cycles
- Intrusion protection: IP67

Application

- Video- and TV transmission



Dimensions

Description	Figure	Design
SmartBeam with bend protection for cables Ø 6,0 mm (with coding pin)	 Multimode	
SmartBeam with bend protection for cables Ø 6,0 mm (with coding pin)	 Single-Mode	
Bulkhead with central attachment	 Multimode / Single-Mode	

Technical Details

	SmartBeam DUO & Bulkhead	SmartBeam QUAD & Bulkhead
No. of channels	2	4
Housing colour SmartBeam	black (Multimode) / blue (Single-Mode)	
Housing colour bulkhead	black (Multimode / Single-Mode)	
Fibre type	Multimode (50 µm / 62,5 µm) / Single Mode (9 µm)	
Typical attenuation Multimode* IL/RL@ 850/1300nm	0,8 dB	
Typical attenuation Single-Mode* IL/RL@ 1310/1550nm	1,5 dB / > 31 dB	
Operating temperature Multimode	-40°C / +85°C	
Operating temperature Single-Mode	-55°C / +85°C	
Storage temperature	-55°C / +85°C	
Mating cycles	3.000	
Strain relief SmartBeam**	1.500 N	
Mounting type bulkhead	central attachment	
Protection class***	IP67 (plugged or with dust protection cap)	

Note: * depending on fibre type and processing ** depending on cable construction *** depending on cable used with bulkhead