

KLOTZ SmartBeam & Bulkhead

multimode / single-mode

technology / technologie

- proven hermaphrodite SmartBeam lens connector hermaphroditer SmartBeam Linsenstecker
- compatible with / kompatibel mit:
 - MIL-DTL-83526/20 lens connectors
 - MIL-DTL-83526/21 Bulkheads
- Fiberfox, Stratos, Optocore...

features / merkmale

- 2- / 4- / 8-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


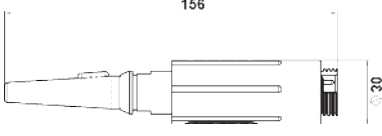

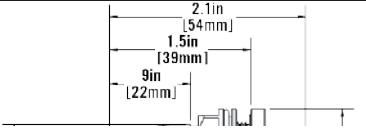

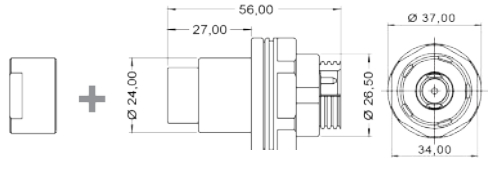
application / anwendung

- video- and tv transmission



design

aufbau

discription beschreibung	figure abbildung	dimensions abmessungen
SmartBeam with bend protection for cables Ø 6,0 mm (with coding pin) mit Knickschutz-Set für Kabel Ø 6,0 mm (mit Nachtmarke)	 <p style="text-align: right;">multimode</p>	
SmartBeam with bend protection for cables Ø 6,0 mm (with coding pin) mit Knickschutz-Set für Kabel Ø 6,0 mm (mit Nachtmarke)	 <p style="text-align: right;">single-mode</p>	
Bulkhead with central attachment mit Zentralbefestigung	 <p style="text-align: right;">multimode / single-mode</p>	 <p style="text-align: center;">dust cap / schutzkappe Bulkhead</p>

technical details

technische daten

	SmartBeam DUO & Bulkhead (3 mm lense / linse)	SmartBeam QUAD & Bulkhead (3 mm lense / linse)	SmartBeam OCTO & Bulkhead (2 mm lense / linse)
no. of channels anzahl der kanäle	2	4	8
housing colour SmartBeam gehäusefarbe linsenstecker	black (multimode) / blue (single-mode)		
housing colour Bulkhead gehäusefarbe Bulkhead	black (multimode / single-mode)		
fiber type fasertyp	multimode (50 µm / 62,5 µm) / single-mode (9 µm)		
typical attenuation multimode* IL/RL@ 850/1300nm typische Dämpfung Multimode* IL/RL@ 850/1300nm	0,75 dB – 1,0 dB / 1000 m		
typical attenuation single-mode* IL/RL@ 1310/1550nm typische Dämpfung Single-Mode* IL/RL@ 1310/1550nm	0,75 dB – 1,5 dB / >34 dB / 1000 m		
SmartBeam attenuation SmartBeam dämpfung	< 0.5 dB		
operating and storage temperature betriebs- und lagertemperatur	-55°C / +85°C		
mating cycles steckzyklen	3.000		
strain relief SmartBeam** zugentlastung linsenstecker**	1.500 N		
mounting type Bulkhead befestigungsart Bulkhead	central attachment / zentralbefestigung		
protection class*** schutzklasse***	IP67 (plugged or with dust protection cap / gesteckt oder mit staubschutzkappe)		
note: anmerkung:	* depending on fibre type and processing * abh. von faser und verarbeitung	** depending on cable construction ** abh. vom kabel	*** depending on cable used with Bulkhead *** abh. vom kabel beim Bulkhead