

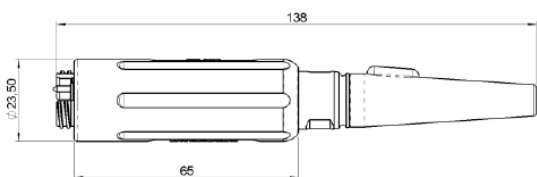
**euMicron  
Family**



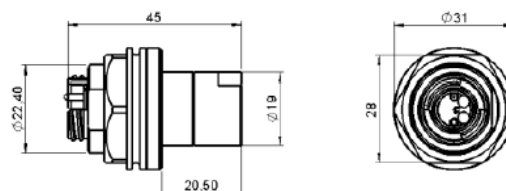
Technical Specifications

	Multimode	Singlemode
Insertion Loss, typical	<0,8 dB @850/1300nm	<1.5 dB @1310nm/1550nm
Return Loss (mated)	>31 dB	>31 dB
Operating temperature	-55°C to +85°C	
Storage temperature	-55°C to +85°C	
Mating cycles	3,000 cycles	
Strain relief	1,500 N	
Immersion	15m, water (Plug and Receptacle)	
Protection Class	IP67 (mated or with dust cap)	

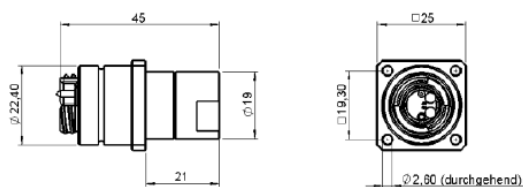
Dimensions



euMicron Plug



euMicron Receptacle  
Jam Nut Mount



euMicron Receptacle  
Flange Mount



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Family**



The euMicron System is available with 2 and 4 channels in hard black anodized aluminum.

**euMicron Part Number Scheme**

X	X	X	X	-	X	X	X	X	-	X	X	X	X		
E	M														euMicron – Family
		S	0												Plug
		Z	0												Receptacle Jam Nut Mount
		F	0												Receptacle Flange Mount
					S										Single Mode
					M										Multi Mode
						2	3								2 channel (3mm Lenses)
						4	3								4 channel (3mm Lenses)
										A					125 µm Ferrule
										B					126 µm Ferrule
											B	H			Receptacle Connector Shell
											B	C			Receptacle Connector Shell with Crimp
											S	P			Spiral Strain Relief Boot
											4	0			4 mm Strain Relief Boot
											5	0			5 mm Strain Relief Boot
											6	0			6 mm Strain Relief Boot
											7	0			7 mm Strain Relief Boot
											0	0			Standard (with nylon dustcap)
											0	M			Optional (with metal dustcap)
											X	X			Customized Version

**Example:**

E M S 0 - S 4 3 A - 6 0 0 0

**euMicron** plug, single mode, 4 channel, 125µm ferrule, 6mm strain relief boot, standard

E M Z 0 - M 2 3 B - B H 0 0

**euMicron** receptacle jam nut mount, multi mode, 2 channel, 126µm ferrule, receptacle connector shell, standard

