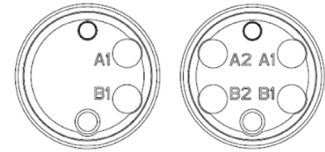


Channel Inserts



PXEB5280

- Allows Plug, Jam Nut & Flange Mount to be re-terminated with 2 or 4 Channel Insert
- Ferrules (termini) included to terminate the Fiber



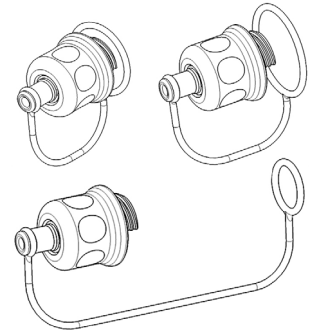
Part No	Description
PXEB5280	2 Channel Expanded Beam Insert Assembly
PXEB5480	4 Channel Expanded Beam Insert Assembly

Dust Caps



PXEB5080

- Dust Caps do not have an effect on IP68 rating as Plug, Jam Nut & Flange Mount Bulkhead are sealed without the Dust Cap
- Lanyard Included
- Different Lanyard for different Connectors but same Dust Cap



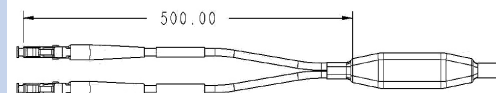
Part No	Description
PXEB5080	Dust Cap for Plug
PXEB5081	Dust Cap for Jam Nut Bulkhead
PXEB5082	Dust Cap for Flange Mount Bulkhead

LC & SC Termination Kit



PXEB5088

- Kit to terminate Plug & Jam Nut with Cable Acceptance Connector
- The kit includes: breakout tube parts, heat shrink cover, 500mm furcation tubes, & LC or SC Connectors
- Potting Compound is sold separately (PXEB5079)
- Beige - OM1
- Aqua - OM3



Part No	Cable Diameter	Description
PXEB5084	4-5mm	2 Channel Termination Kit (4-5mm) with LC (OM1)
PXEB5085	4-5mm	4 Channel Termination Kit (4-5mm) with LC (OM1)
PXEB5086	4-5mm	2 Channel Termination Kit (4-5mm) with SC (OM1)
PXEB5087	4-5mm	4 Channel Termination Kit (4-5mm) with SC (OM1)
PXEB5088	4-5mm	2 Channel Termination Kit (4-5mm) with LC (OM3)
PXEB5089	4-5mm	4 Channel Termination Kit (4-5mm) with LC (OM3)
PXEB5090	4-5mm	2 Channel Termination Kit (4-5mm) with SC (OM3)
PXEB5091	4-5mm	4 Channel Termination Kit (4-5mm) with SC (OM3)
PXEB5092	5-6mm	2 Channel Termination Kit (5-6mm) with LC (OM1)
PXEB5093	5-6mm	4 Channel Termination Kit (5-6mm) with LC (OM1)
PXEB5094	5-6mm	2 Channel Termination Kit (5-6mm) with SC (OM1)
PXEB5095	5-6mm	4 Channel Termination Kit (5-6mm) with SC (OM1)
PXEB5096	5-6mm	2 Channel Termination Kit (5-6mm) with LC (OM3)
PXEB5097	5-6mm	4 Channel Termination Kit (5-6mm) with LC (OM3)
PXEB5098	5-6mm	2 Channel Termination Kit (5-6mm) with SC (OM3)
PXEB5099	5-6mm	4 Channel Termination Kit (5-6mm) with SC (OM3)

Fiber Cable Crimp Tool



PXEB5083

- For terminating the Inner & Outer Crimp to the Fiber Cable
- Necessary for fixing the Cable to the Plug, Jam Nut & Flange Mount Bulkhead Connectors
- Die Set included

Part No	Description
PXEB5083	Cable Crimp Tool for Plug, Jam Nut & Flange Mount Bulkhead Connectors

Mechanical:

Sealing:	IP68, EN60529: 1992+ A2:2013
Panel Mount Nut:	1,0-1, 1Nm (91lb.in)
Operating temperature:	-50°C to +80°C
Salt Mist:	EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1

Material:

Body Mouldings:	Polyamide
Flammability Rating:	UL94v-0
UV Resistance:	To EN 500021:1999
O Rings:	Silicone
Panel Sealing O Ring:	Silicone
RoHS	Compliant

Plug Connector Designed to MIL-DTL-83525/20C specifications
 Jam Nut Connector Designed to MIL-DTL-83525/21C specifications

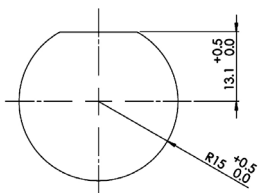
Optical:

IEC 61753-1:	
Max Insertion Loss:	<2dB
AVG Insertion Loss:	<1.5dB

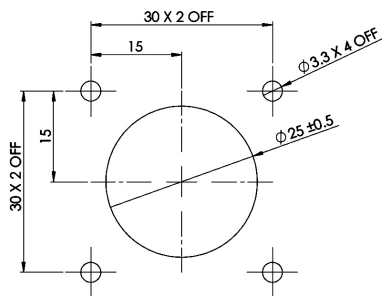
2 Channel Termination Table:	P1 Connector Channel:	Fiber Colour:	P2 Connector Channel:
	A1	BLUE	B1
	B1	ORANGE	A1

4 Channel Termination Table:	P1 Connector Channel:	Fiber Colour:	P2 Connector Channel:
	A1	BLUE	B1
	B1	ORANGE	A1
	A2	GREEN	B2
	B2	BROWN	A2

Jam Nut Bulkhead Panel Mount Cut out:



Flange Mount Bulkhead Panel Mount Cut out:



OM1

Item:	Detail:	Specification:
Fiber:	Type Channels	62.5um/125um (OM1) 2 or 4
Channel Diameter:	Dimension	62.5um
Cladding Diameter:	Dimension	125um
Buffer:	Construction Material Diameter	Tight Nylon 0.9mm
Outer Jacket:	Material Colour Outer Diameter Ripcord	PUR Black 5.4mm (2 Channel) 5.8mm (4 Channel) 1
Max Attenuation:	at 850nm at 1300nm	3.4dB/km 1.2dB/km
Temperature Range:	Operating Temp Installation Temp Storage Temp	-70 °C to +85 °C -5 °C to +50 °C -70 °C to +85 °C
Cable Min. Bend Radius Installation (Short Term)	IEC 60794-1-21-E6	43.2 mm
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	21.6 mm
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	400 N (90 lbf)
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	5 kN/m
Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	3 kN/m
Standards:	UL Rating/Flame Test REACH IEC Compliance EU Directive 2011/65/EU (RoHS 2) UV/ Sunlight Protection	Non-UL Rated Compliant IEC 60794 Compliant Yes

OM3

Item:	Detail:	Specification:
Fiber:	Type Count	50um/125um (OM3) 2 or 4
Channel Diameter: Cladding Diameter:	Dimension Dimension	50um 125um
Buffer:	Construction Material Diameter	Tight Nylon (2 Channel) Polyamide (4 Channel) 0.9mm
Outer Jacket:	Material Colour Outer Diameter Ripcord	PUR Black 5.4mm (2 Channel) 5.8mm (4 Channel) 1
Max Attenuation:	at 850nm at 1300nm	2.9dB/ km 1.0dB/km
Temperature Range:	Operating Temp Installation Temp Storage Temp	-70 °C to +85 °C (2 Channel) -55 °C to +85 °C (4 Channel) -5 °C to +50 °C (2 Channel) -15 °C to +50 °C (4 Channel) -70 °C to +85 °C (2 Channel) -30 °C to +70 °C (4 Channel)
Cable Min. Bend Radius Installation (Short Term)	IEC 60794-1-21-E6	43.2 mm (2 Channel) 46.4 mm (4 Channel)
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	21.6 mm (2 Channel) 23.2 mm (4 Channel)
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	400 N (90 lbf)
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	5 kN/m
Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	3 kN/m
Standards:	UL Rating/Flame Test REACH IEC Compliance EU Directive 2011/65/EU (RoHS 2) UV/ Sunlight Protection	Non-UL Rated Compliant IEC 60794 Compliant Yes