



INDUSTRIAL
PARTNER
NETWORK

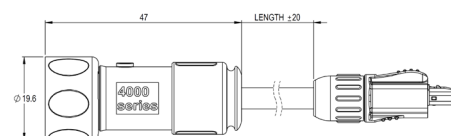
- ⬢ IP66, IP68 ratings when mated
- ⬢ EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
- ⬢ 10BASE-T1L performance in accordance with IEC 61156-12:2021
- ⬢ Single and double-ended cable assemblies
- ⬢ 22 AWG and 26 AWG cable options
- ⬢ Front and rear panel mounts
- ⬢ Bayonet coupling
- ⬢ Secure, proven locking system
- ⬢ Tamperproof construction

Patch Cord Flex Connector - Single-Ended



PXPSPE4030

- Mates with both Bulgin SPE panel mount connectors
- Fitted with IEC 63171-6:2021 SPE plugs
- Standard lengths: 1m, 2m, 3m, 5m
- 22 AWG and 26 AWG cable sizes

**Part No.****Description**

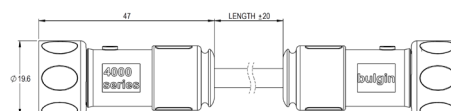
PXPSPE4030/1M/22	4000 Series SPE Buccaneer to IP20 'T1' SPE Connector, 1 metre cable, 22 AWG
PXPSPE4030/2M/22	4000 Series SPE Buccaneer to IP20 'T1' SPE Connector, 2 metre cable, 22 AWG
PXPSPE4030/3M/22	4000 Series SPE Buccaneer to IP20 'T1' SPE Connector, 3 metre cable, 22 AWG
PXPSPE4030/5M/22	4000 Series SPE Buccaneer to IP20 'T1' SPE Connector, 5 metre cable, 22 AWG
PXPSPE4030/1M/26	4000 Series SPE Buccaneer to IP20 'T1' SPE Connector, 1 metre cable, 26 AWG
PXPSPE4030/2M/26	4000 Series SPE Buccaneer to IP20 'T1' SPE Connector, 2 metre cable, 26 AWG
PXPSPE4030/3M/26	4000 Series SPE Buccaneer to IP20 'T1' SPE Connector, 3 metre cable, 26 AWG
PXPSPE4030/5M/26	4000 Series SPE Buccaneer to IP20 'T1' SPE Connector, 5 metre cable, 26 AWG

Patch Cord Flex Connector - Double-Ended



PXPSPE4031

- Mates with both Bulgin SPE panel mount connectors
- Fitted with IEC 63171-6:2021 SPE plugs
- Standard lengths: 1m, 2m, 3m, 5m
- 22 AWG and 26 AWG cable sizes

**Part No.****Description**

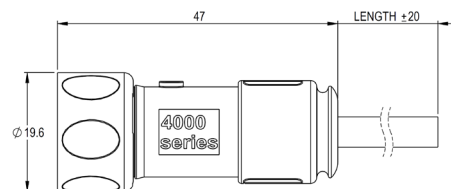
PXPSPE4031/1M/22	4000 Series SPE Buccaneer to 4000 Series SPE Buccaneer, 1 metre cable, 22 AWG
PXPSPE4031/2M/22	4000 Series SPE Buccaneer to 4000 Series SPE Buccaneer, 2 metre cable, 22 AWG
PXPSPE4031/3M/22	4000 Series SPE Buccaneer to 4000 Series SPE Buccaneer, 3 metre cable, 22 AWG
PXPSPE4031/5M/22	4000 Series SPE Buccaneer to 4000 Series SPE Buccaneer, 5 metre cable, 22 AWG
PXPSPE4031/1M/26	4000 Series SPE Buccaneer to 4000 Series SPE Buccaneer, 1 metre cable, 26 AWG
PXPSPE4031/2M/26	4000 Series SPE Buccaneer to 4000 Series SPE Buccaneer, 2 metre cable, 26 AWG
PXPSPE4031/3M/26	4000 Series SPE Buccaneer to 4000 Series SPE Buccaneer, 3 metre cable, 26 AWG
PXPSPE4031/5M/26	4000 Series SPE Buccaneer to 4000 Series SPE Buccaneer, 5 metre cable, 26 AWG

Patch Cord Flex Connector - Wire-Ended



PXPSPE4034

- Mates with both Bulgin SPE panel mount connectors
- Fitted with IEC 63171-6:2021 SPE plugs
- Standard lengths: 1m, 2m, 3m, 5m
- 22 AWG and 26 AWG cable sizes

**Part No.****Description**

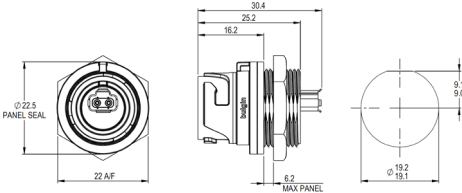
PXPSPE4034/1M/22	4000 Series SPE Buccaneer to blunt-cut wire, 1 metre cable, 22 AWG
PXPSPE4034/2M/22	4000 Series SPE Buccaneer to blunt-cut wire, 2 metre cable, 22 AWG
PXPSPE4034/3M/22	4000 Series SPE Buccaneer to blunt-cut wire, 3 metre cable, 22 AWG
PXPSPE4034/5M/22	4000 Series SPE Buccaneer to blunt-cut wire, 5 metre cable, 22 AWG
PXPSPE4034/1M/26	4000 Series SPE Buccaneer to blunt-cut wire, 1 metre cable, 26 AWG
PXPSPE4034/2M/26	4000 Series SPE Buccaneer to blunt-cut wire, 2 metre cable, 26 AWG
PXPSPE4034/3M/26	4000 Series SPE Buccaneer to blunt-cut wire, 3 metre cable, 26 AWG
PXPSPE4034/5M/26	4000 Series SPE Buccaneer to blunt-cut wire, 3 metre cable, 26 AWG

Front Panel Mounting Connector



PXPSPE4032

- Mates with all Bulgin PXPSPE403X patch cords
- Standard 'T1' SPE plugs can be used with either side
- Single hole fixing
- Complete with panel sealing gasket



Technical drawings showing front, side, and top views of the Front Panel Mounting Connector (PXPSPE4032) with dimensions: 22.5 (PANEL SEAL), 22 A/F, 30.4, 25.2, 16.2, 6.2 MAX PANEL, 19.2, 19.1, 9.1, 9.0.

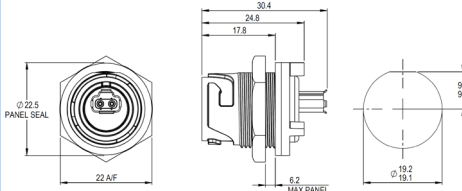
Part No.	Description	Fixing
PXPSPE4032	SPE coupler	Front panel mounted

Rear Panel Mounting Connector



PXPSPE4033

- Mates with all Bulgin PXPSPE403X patch cords
- Standard 'T1' SPE plugs can be used with either side
- Single hole fixing
- Complete with panel sealing gasket



Technical drawings showing front, side, and top views of the Rear Panel Mounting Connector (PXPSPE4033) with dimensions: 22.5 (PANEL SEAL), 22 A/F, 30.4, 24.8, 17.8, 6.2 MAX PANEL, 19.2, 19.1, 9.1, 9.0.

Part No.	Description	Fixing
PXPSPE4033	SPE coupler	Rear panel mounted

Sealing Caps



PXP4083 PXP4081

- Sealing caps maintain IP-rating when connectors are not in use

Part No.	Description
PXP4081	Sealing cap for use with patch cords PXPSPE4030, PXPSPE4031, and PXPSPE4034
PXP4083	Sealing cap for use with panel mounts PXPSPE4032 and PXPSPE4033

Patch Cord Part Numbering

PXPSPE403X	/	XM	/	XX
Cable Assembly Style PXPSPE4030 = Flex to 'T1' PXPSPE4031 = Flex to Flex PXPSPE4034 = Flex to bare end		Cable length 1M = 1 metre 2M = 2 metre 3M = 3 metre 5M = 5 metre		Cable gauge 22 = 22 AWG 26 = 26 AWG

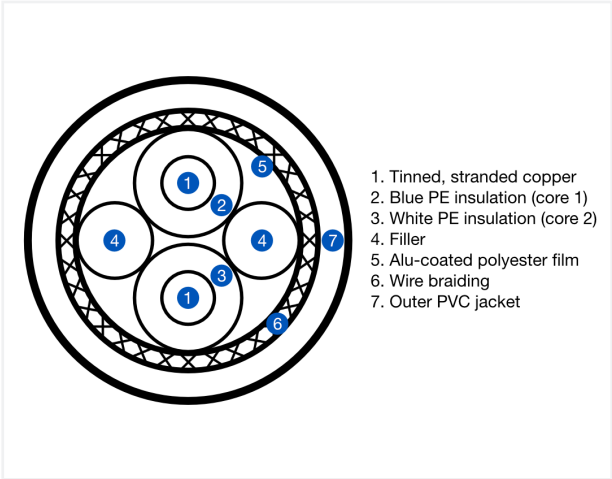
Examples:

PXPSPE4030/1M/22 = 4000 Series SPE Buccaneer to IP20 'T1' SPE Connector patch cord, 1 metre cable, 22 AWG

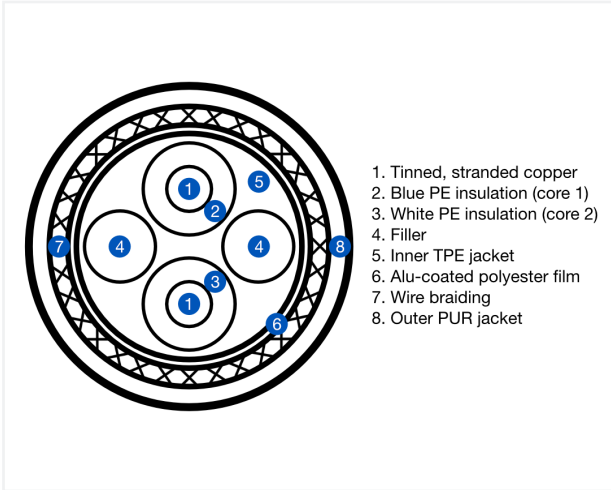
PXPSPE4031/2M/26 = 4000 Series SPE Buccaneer to 4000 Series SPE Buccaneer patch cord, 2 metre cable, 26 AWG

PXPSPE4034/5M/22 = 4000 Series SPE Buccaneer to bare end patch cord, 5 metre cable, 22 AWG

PXPSPE403X-XM-22 Cable Cross-Section



PXPSPE403X-XM-26 Cable Cross-Section



Cables & Connectors**Mechanical**

Sealing	IP68, EN 60529:1992 + A2:2013 (10m depth for 2 weeks) IP66, EN 60529:1992 + A2:2013
Salt Mist	EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
Operating temperature	-40°C to +80°C
Panel Mount Nut Torque	1.0 – 1.1 Nm (91 lb.in)

Electrical

No. of Contacts	2 way + shielding
Current rating	4 A
Voltage rating	60 V DC
Contact resistance	≤ 20 mΩ

Materials - Patch Cords and Panel Connectors

Shell material	Stainless Steel
Shell plating	Nickel
Contact material	Copper Alloy, Gold Plated
Connector body & locking ring	PC/PBT
Flammability rating	UL94V-0
'O' rings	Silicone
Mating cycles	1,000
RoHS	Compliant

Material - Cable

Cable Jacket	Black PVC (22 AWG), Black PUR (26 AWG)
Screen	Tinned copper braid
Flammability	UL94V-0
RoHS	Compliant