Amphenol SOCAPEX

Fiber Optic Solutions

PROMI

In Line Miniature optical Adaptor - ARINC 801 Termini

Description

For easy installation & maintenance, the PROMI is the solution for optical link in harsh Environment.
The PROMI (In Line Miniature Optical Adaptor) may be used on patchords already in place. For a reduced space, where the connector is not suitable, the PROMI allows the division of the link into several sections. This optical Miniature extender PROMI realizes a very compact removable splice.

Main Features

SPECIFICATION	MEASUREMENT DETAILS	STANDARD	METHOD
Insertion loss	0.2dB Typ. 0.7 dB max 850/1300nm Multimode 0.3dB Typ. 0.7 dB max 1310/1550nm Singlemode	EN 2591-6101	TIA-455-34
Vibration	Ambient temperature - 1g²/Hz Duration : 8 hours in 2 axis, X and Y direction. Duration of micro-discontinuity: <4µs IL max 0,7db Duration: 8h / axe – 2 axes	EN 2591-6403	Method B, level J
Sealing	Immersion under 10cm of water during 30min.		
Salt spray	500h (matted)	EN 2591-6307	
Operating temperature	-55°C +125°C (depends on cable type)	EN 2591-617	
Mating durability	500 cycles	MIL-DTL-38999	TIA-455-21
Cable retention	68 N / 3 pulls / 1 min (due to ARINC801 terminus) (depends on cable type)	EN 2591-610	

Video

NEW

See our new video
"Amphenol Promi assembly
- In Line Miniature Adaptor
- for ARINC 801 termini"

Markets & Applications

C4ISR

Military Aerospace

Commercial Aerospace

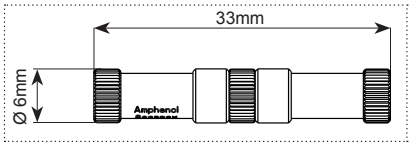
Industrial

Applications :

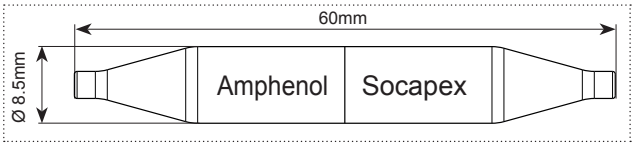
- Rotary JOINT
- Shelter
- Radar
- Missile

Dimensions

Promi without boot



Promi with sealing boot



How to order

1.	2.	3.	4.	5.	6.	7.	8.	9.
Series	Adaptor	Type of optical contact	Type of product	Cable diameter	Termini Option	Nut type	Boot	Packaging
PRO	MM	A801	00	18	00	A	B	-

1. Series

PRO	PROMI Series

2. Adaptor

MM	Male/male adaptor

3. Type of optical contact

A801	Arinc 801 termini type, size 1,25mm

4. Type of product

00	In line adaptor

5. Cable diameter

18	900µm to 1,8mm

6. Termini Option

00	Without ARINC 801 termini
01	With 2 Multimode ARINC 801 termini
05	With 2 Singlemode ARINC 801 termini

7. Nut type

A	Standard nut
B	Split nut

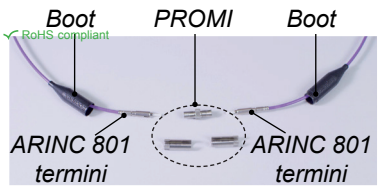
8. Boot

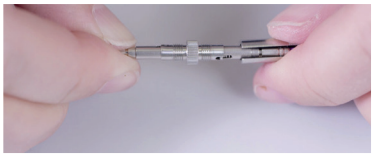
-	Without boot
B	With sealing boot (only for cabme 1,8mm)

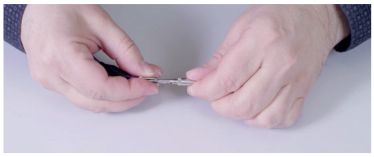
9. Packaging

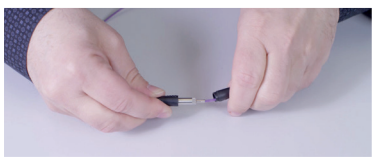
-	Unit
Q100	Kit of 100 units

Assembling your PROMI without tools









Video

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