

## In Line Miniature Optical Adaptor - ARINC 801 Termini



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 patchchords 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
<b>Insertion loss</b>	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
<b>Vibration</b>	Ambient temperature - 1g <sup>2</sup> /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
<b>Sealing</b>	Immersion under 10cm of water during 30min.		
<b>Salt spray</b>	500h (matted)	EN 2591-6307	
<b>Operating temperature</b>	-55°C +125°C (depends on cable type)	EN 2591-617	
<b>Mating durability</b>	500 cycles	MIL-DTL-38999	TIA-455-21
<b>Cable retention</b>	68 N / 3 pulls / 1 min (due to ARINC801 terminus) (depends on cable type)	EN 2591-610	

## MARKETS & APPLICATIONS

### VIDEO



See our new video

"Amphenol Promi assembly - In Line Miniature Adaptor - for ARINC 801 termini"

#### Markets

- **MILITARY:** C4ISR, UAV, radar, missile
- **MILITARY AVIONICS:** head up display, radar
- **COMMERCIAL AVIONICS:** IFE
- **INDUSTRIAL HEAVY DUTY ENVIRONMENT**

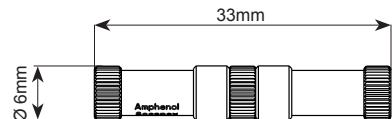
#### Applications

- Rotary JOINT
- Shelter
- Radar
- Missile

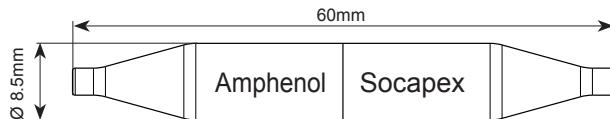


## DIMENSIONS

## PROMI WITHOUT BOOT



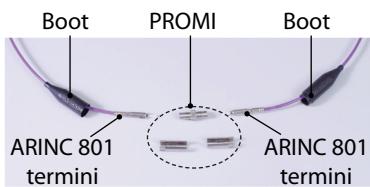
## PROMI WITH SEALING BOOT



## HOW TO ORDER

HOW TO ORDER	PRO	MM	A801	00	18	00	A	B	Q100
<b>Series</b> PRO : PROMI series									
<b>Adaptor</b> MM : Male/male adaptor									
<b>Type of optical contact</b> A801: Arinc 801 termini type, size 1,25mm									
<b>Type of product</b> 00 : In line adaptor									
<b>Cable diameter</b> 18 : 900µm to 1.8mm									
<b>Termini Option</b> 00 : Without ARINC 801 termini 01 : With 2 Multimode ARINC 801 termini 05 : with 2 Singlemode ARINC 801 termini									
<b>NUT TYPE</b> A : Standard nut B : Split nut									
<b>BOOT</b> - : Without boot B : With sealing boot (only for cable 1.8mm)									
<b>PACKAGING</b> - : Unit Q100 : kit of 100 units									

## ASSEMBLING YOUR PROMI WITHOUT TOOLS



## VIDEO



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