

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 patchcords 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 - 1g ² /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



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

Markets & Applications



C4ISR



Military Aerospace



Commercial Aerospace



Industrial

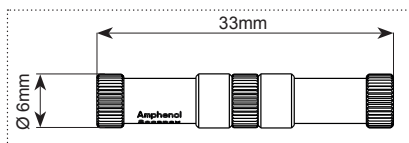


Applications :

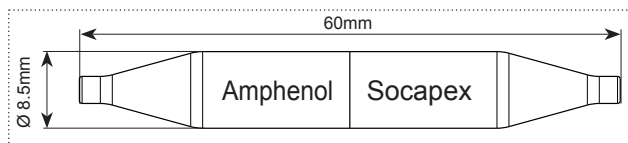
- › Rotary JOINT
- › Radar
- › Shelter
- › Missile

Dimensions

Promi without boot



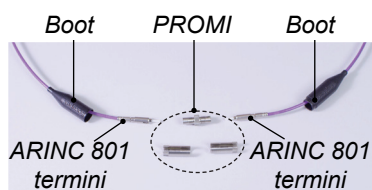
Promi with sealing boot



How to order

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

Assembling your PROMI without tools



Video



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