

# AIM News

November 2020

## Fibre Optic Bus Extensions

### For EMC Testing:

Need to extend your MIL-STD-1553 Bus Stub or ARINC429 Links via Fibre Optics for EMC testing or remote monitoring and simulation over long distances?



AIM's modular and scalable FOL Systems can be configured for your specific EMC or Test Bench application using an easy 'Plug and Play' approach. The units are connected by optical links using COTS 62.5/125µm multimode gradient index Fibre Optic cables with ST connectors (wavelength 1300nm).

Our FOL-F/L Systems are targeted towards EMC and lightning test facilities with an EMC hardened front-end unit and a 19" rack mount laboratory unit:



### FOL1553-F/ L

- Extend up to six MIL-STD-1553 dual redundant buses
- MIL-STD-1553 monitoring system: Extends up to 500 metres – guaranteed
- MIL-STD-1553 simulator system: Extends up to 100 metres
- Optional battery unit for stand-alone operation
- MIL-STD-1553/ARINC429 mix and match modules

[learn more](#)



### FOL429-F/ L

- Extend up to sixteen ARINC429 channels
- ARINC429 monitor and unidirectional system: Extends up to 500 metres – guaranteed
- Optional battery unit for stand-alone operation
- ARINC429/MIL-STD-1553 mix and match modules

[learn more](#)

# See our FOL1553-P and FOL429-P units available for handy portable applications or laboratory use



## FOL1553-P

Portable standalone fibre optic link extension system designed for MIL-STD-1553 bus stubs

[learn more >](#)



## FOL429-P

Portable standalone fibre optic link extension system designed for multiple ARINC429 channels

[learn more >](#)



## For more Information and Pricing

please contact your local AIM Office or a Representative near you!

[click here](#)

## Imprint

AIM Gesellschaft für angewandte Informatik und  
Mikroelektronik mbH  
Sasbacher Str. 2  
79111 Freiburg  
Germany

Phone: Douglas Ullah + 44 (0)1494 44 68 44  
E-mail: [sales@aim-online.com](mailto:sales@aim-online.com)  
[www.aim-online.com](http://www.aim-online.com)

Freiburg HRB-NR: 3520  
UST-Id-Nr: DE 142102019

Managing Directors: Hansjörg Frey, Joachim  
Schuler

You are receiving this email because you are  
subscribed to our newsletter. Don't want to  
receive this newsletter?

[Unsubscribe here >](#)

© AIM GmbH 2020



[Legal Notice](#)

[Privacy Policy](#)