

# STANAG 3910 Lead-out Adapters

As the physical size of Fibre Optic Front End (FOFE) transceivers prohibits their use on PCI, CompactPCI, PMC and ISA (PC/AT) cards, Western Avionics provides an off-card Adapter, that contains all components to support the 3910 Optical implementation of STANAG 3910. The 3910-FOFE Adapter provides a complete dual redundant optical interface, together with dual redundant 3838 connections, and Trigger-in and Trigger-out in a minimal sized package, to allow convenient cabling connections to the 3910 / 3838 system or unit-under-test.

It should be noted that when units are being used in the electrical, single redundant mode, all 3910, 3838, and Trigger-in and Trigger-out connections may be taken directly from the PCI, CompactPCI, PMC and ISA (PC/AT) panel connector, eliminating the requirement for an Adapter unit.

## SPECIFICATIONS

### General Specifications

- ➔ Dual Optical Transceivers
- ➔ Eurofighter compliant
- ➔ PrEN 3715 compliant PECL interface
- ➔ LED power on indicator
- ➔ Integral power supplies for FOFE
- ➔ Power supplied by host card
- ➔ Host card interconnect cable included

### Host Interface

PECL drivers lines (3910)  
Opto-isolated Trig-in / Trig-out  
Shielded interface lines (all twisted pair)

### Power

Total > 15 Watts  
+5v +/- 5% 1.5Amps

### Note:

Supplied by host system card.

### 3910 & 3838 Interface

3910 Primary:	Deutsch 454596 (N)
3910 Secondary:	Deutsch 454596 (N)
3838 Primary:	Triax CBBJR79
3838 Secondary:	Triax CBBJR79
Trigger-In:	Triax CBBJR79
Trigger-Out:	Triax CBBJR79

### Physical Characteristics

Dimensions	140mm x 145mm x 55mm
Weight	520 grams

### Environmental

Operating Temp.	0 – 70°C
Storage Temp.	-20 – 90°C
Humidity	5% – 95% Noncondensing
G01 MTBF (MIL 217F)	489,274hrs at 25°C (GB).
G02 MTBF (MIL 217F)	729,196hrs at 25°C (GB).

### Order Codes

1U10910G01	STANAG 3910 FOFE Adapter Unit Dual FOFE version
1U10910G02	STANAG 3910 FOFE Adapter Unit Single FOFE version

## Contact Information

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