



# SABER Series Media Converter

Partners in Broadcast, Telecom & Satellite Solutions

Small Form-Factor Pluggable (SFP)

## 3Gbit Bidirectional SDI/Fiber Transceiver



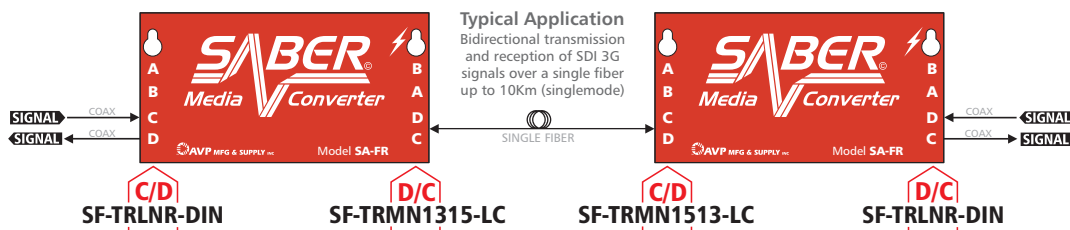
- Supports SDI 75 Ohm video up to 3Gbit/s (1080p60)
- Bidirectional send & receive on single fiber
- Error free optical connections
- Up to 10Km (6.2 miles) at 3Gbit/s
- Simplex LC/PC singlmode optical connection
- Supports hot swapping & hot plugging

The SK-OBD1F kit is a bidirectional SDI transmitter and receiver that uses a single fiber cable for distribution of uncompressed broadcast quality video signals over long distances up to 10Km. Fully supports signals up to and including 3G (SMPTE 424M)



### BIDIRECTIONAL ELECTRICAL TO OPTICAL TO ELECTRICAL (HYBRID)

### SK-OBD1F-D



#### Kit consists of:

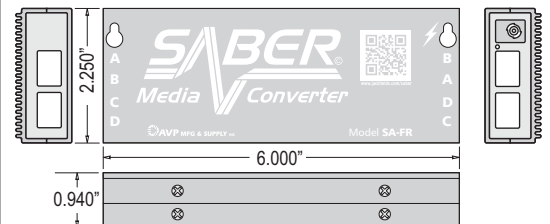
- SA-FR x2
- SA-PS-NA x2
- SF-TRLNR-DIN x2
- SF-TRMN1315-LC x1
- SF-TRMN1513-LC x1
- D12PC-1-BLACK-BN x4
- Optional Case: SK-A1400-BK

### SK-OBD1F-D Kit includes:

- |                 |    |   |
|-----------------|----|---|
| SA-FR           | 2, | 3Gbit Bidirectional SDI/Fiber SABER Enclosure, 4 SFP Cages, Power Status LED, keyholes for wall-mount |
| SA-PS-NA        | 2, | Power Supply Unit, North American Adaptor Type for SABER Series                                       |
| SF-TRLNR-DIN    | 2, | 3G-SDI SFP Coaxial, Transceiver, with Reclocker, Long reach, non-MSA, DIN 1.0/2.3 connectors          |
| SF-TRMN1315-LC  | 1, | 3G HD SDI SFP Bidirectional 1310Rx/1550Tx, 0~70°C, 10Km, non-MSA, LC connectors                       |
| SF-TRMN1513-LC  | 1, | 3G HD SDI SFP Bidirectional 1550Rx/1310Tx, 0~70°C, 10Km, non-MSA, LC connectors                       |
| D12PC-1BLACK-BN | 4, | Cable, DIN 1.0/2.3 Plug (M) to BNC Jack (F) Cable Adapter, 1 foot, black, Belden 1855A                |

#### Optional Pelican Case:

SK-A1400-BK Pelican case, custom foam, version A



<b>System</b>	
Density:	SABER holds up to 4 independent SFP modules
Impedance:	75W
Connectors Supported:	DIN 1.0/2.3, HDBNC, LC Optical & HDMI/DVI
<b>Physical</b>	
Dimensions:	6.000"W x 2.250"D x 0.940"H
SFP Module Capacity:	Up to 4 AVP SFP modules including Dual TX and Dual RX
Status Indicator OK:	Green LED
<b>Electrical</b>	
Power Supply Configuration:	Single External Supply
Voltage:	DC Input 9-32VDC
Max Power Dissipation:	12 Watts (fully loaded)
Note:	Power consumption dependent on SFP type
<b>External Power Supply Brick</b>	
AC Mains Input:	Auto Ranging, 90-264VAC, 50/60Hz
Number of outputs:	1
Output Voltage:	24VDC@0.75A
<b>Warranty</b>	
Warranty:	One year, date of shipment from AVP

\*HDBNC interface available

In the interest of improved design and performance, AVP reserves the right to make changes in its specifications without prior notice. Copyright © 2014 AVP MFG & Supply Inc.



**AVP MFG & SUPPLY INC**

toll free: 1-800-481-2493 USA & Canada  
tel: 519-740-7966 • fax: 519-740-0131 • email: sales@jackfields.com

Audio / Video / Digital Jackfields • [www.jackfields.com](http://www.jackfields.com)

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