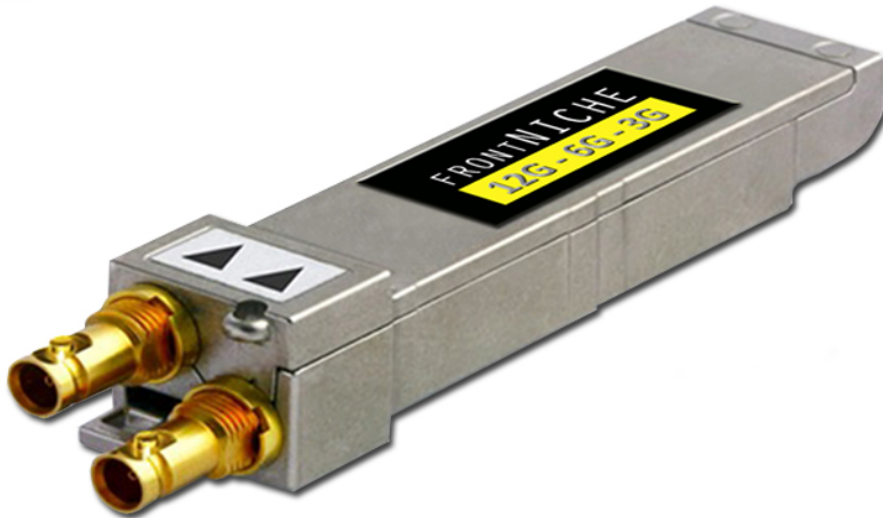


# FRONTNICHE

## 12G - 6G - 3G

The SFP03BR2 3G-SDI SFP Coaxial module is a dual channel coaxial receiver



## Features:

- ST259, ST292, and ST424 compliant.
- Supports 3G-SDI, HD-SDI and SD-SDI video formats.
- Supports DVB-ASI at 270Mbps.
- Cable length and pathological DC restoration equalizer.
- Integrated re-clocker for optimum performance.
- Supports pathological patterns.
- HD-BNC and DIN 1.0/2.3 connectors.
- Hot-pluggable.

The SFP03BR2 3G-SDI SFP Coaxial module is a dual channel coaxial receiver, capable of receiving two independent coaxial SDI signals up to 2.97Gbps.

The module is designed to support 3G-SDI, HD-SDI and SD-SDI video standards compliant to ST259, ST292 and ST424.

The SFP03BR2 3G-SDI SFP Coaxial module contains a high performance automatic cable length and DC restoration equalizer for excellent pathological pattern support. The module also has the benefit of a re-clocker to ensure that the SDI signal received is converted with optimum quality for high performance applications.

The SFP03BR2 3G-SDI SFP Coaxial module is a hot-pluggable device that allows easy upgrade and maintenance in the field. The module is fully interchangeable with other non-MSA SFP devices.

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# FRONTNICHE

## 12G - 6G - 3G

The SFP03BR2 3G-SDI SFP Coaxial module is a dual channel coaxial receiver

### Specification

Power:		1156mW (typ), 1354mW (max)
Connector:		HD-BNC or DIN 1.0/2.3, 75Ω
Serial Data Rate:	SD	270Mbps, ST259
	HD	1483Mbps and 1485Mbps, ST292
	3G	2967Mbps and 2970Mbps, ST424
SDI Input:	Input Voltage Swing	720mV p-p(min), 800mV p-p (typ), 950mV p-p (max)
	Input Return Loss	-15dB (min), -18dB (typ) @ 0 - 1.5GHz
		-10dB (min), -13db (max) @ 1.5GHz - 3GHz
	Input Jitter Tolerance	SD: A1 = 0.2 UI (max); A2 = 0.07 UI (typ)
		HD: A1 = 0.25 UI (max); A2 = 0.08 UI (typ)
		3G: A1 = 0.3 UI (max); A2 = 0.18UI (typ)
	Cable Length (Belden 1694A)	SD: 400m (max)
		HD: 140m (max)
		3G: 120m (max)
Environmental:	Temperature	-40°C to +85°C
	Humidity	5% - 95% non-condensing
	ESD	1kV maximum, HBM

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Specifications are subject to change without prior notice. E&OE.