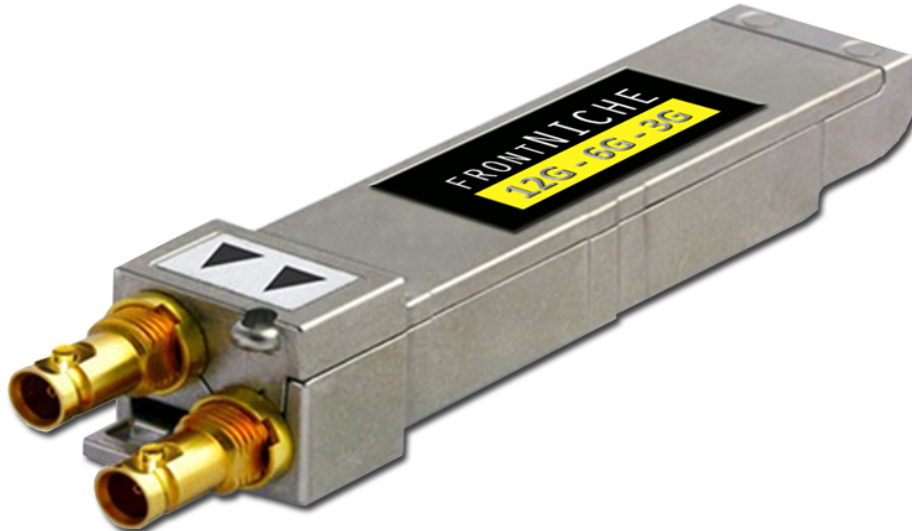


FRONTNICHE

12G - 6G - 3G

The SFP03BT2 3G-SDI SFP Coaxial module is a dual channel coaxial transmitter



Features:

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

The SFP03BT2 3G-SDI SFP coaxial module is a dual channel coaxial transmitter, capable of transmitting 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 SFP03BT2 3G-SDI SFP Coaxial module has the benefit of a re-clocker to ensure that the SDI signal transmitted is with optimum quality for high performance applications.

The SFP03BT2 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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Specifications are subject to change without prior notice. E&OE.

FRONTNICHE

12G - 6G - 3G

The SFP03BT2 3G-SDI SFP Coaxial module is a dual channel coaxial transmitter

Specification

Power:		1100mW (typ), 1250mW (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 Output:	Output Voltage Swing	720mV p-p(min), 800mV p-p (typ), 880mV p-p (max)
	Output Return Loss	-15dB (min), -27 (typ) @ 0 - 1.5GHz -10dB (min), -13 (typ) @ 1.5GHz - 3GHz
	Output Jitter	SD: 0.014 UI p-p (typ)
		HD: 0.057 UI p-p (typ)
		3G: 0.119UI p-p (typ)
	Rise Fall Time (10%-80%)	SD: 400ps (min), 800ps (max)
		HD to 3G: 90ps (typ), 135ps (max)
	Mismatch in Rise/Fall Time	SD: 50ps (max)
		HD to 3G: 30ps (max)
Environmental:	Temperature	-40°C to +85°C
	Humidity	5% - 95% non-condensing
	ESD	1kV maximum, HBM

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