



VIDEO Dual SFP

BENEFIT AND KEY FEATURE

High compatible, multi connectors, cost effective are major benefits of Video SFP series products. ECM offers a methodology for network operators to maximize operational efficiently by selecting one transceiver that works reliably across multiple switch, router, chassis (blade) platforms.

We also provide customized service to meet different environment. You may have each inquiry discussion, such as data rate, wavelength, temperature, power budget, laser, connector, application, etc.

TECHNICAL SPECIFICATION

STANDARD COMPLIANCE

RoHS compliance; UL, cUL, CDRH certificate
SMPTE 297-2006 compatible
Support video pathological patterns

DATA RATE & APPLICATION

Support SMPTE 424M, 292M, 297M, 259M
Multi-rate from 50 to 3000Mbps
Dual/ Single LC TX, RX Interface
Solutions Dispersion Penalty 1600 ps/nm, 2400 ps/nm

DISTANCE

3G-SDI @ 300m / 10km / 30m / 50km
/ 80km / 120km

CONNECTOR

LC

TEMPERATURE

0 ~ 70 °C

WARRANTY SERVICE

Standard 2 years
Customized warranty available

Product Name	Application	Data Rate	Wavelength	Power/ Sensitivity	Distance	Laser	MSA	Media	DDM
VDB-38833-C	Duplex TX	50~2970Mbps	850TX-850TX	TX1, 4 ~ 0 dBm TX2, 4 ~ 0 dBm	3G-SDI@ 300M	DFB	NO	SMF	NO
VDB-38833-C	Duplex TX	50~2970Mbps	850TX-850TX	TX1, 4 ~ 0 dBm TX2, 4 ~ 0 dBm	3G-SDI@ 300M	DFB	NO	SMF	NO
VDB-38833-CD	Duplex TX	50~2970Mbps	850TX-850TX	TX1, -2 ~ -7 dBm TX2, -2 ~ -7 dBm	3G-SDI@ 300M	VCSEL	NO	MMF	YES
VDB-33313-C	Duplex TX	50~2970Mbps	1310TX-1310TX	TX1, 0 ~ -5 dBm TX2, 0 ~ -5 dBm	3G-SDI@10KM	FP	NO	SMF	NO
VDB-33333-C	Duplex TX	50~2970Mbps	1310TX-1310TX	TX1, 0 ~ -5 dBm TX2, 0 ~ -5 dBm	3G-SDI@30KM	DFB	NO	SMF	NO
VDB-35553-C	Duplex TX	50~2970Mbps	1550TX-1550TX	TX1, 4 ~ 0 dBm TX2, 4 ~ 0 dBm	3G-SDI@50KM	DFB	NO	SMF	NO
VDB-35583-C	Duplex TX	50~2970Mbps	1550TX-1550TX	TX1, 4 ~ 0 dBm TX2, 4 ~ 0 dBm	3G-SDI@80KM	DFB	NO	SMF	NO
VDB-355L3-C	Duplex TX	50~2970Mbps	1550TX-1550TX	TX1, 7 ~ 3 dBm TX2, 7 ~ 3 dBm	3G-SDI@120KM	DFB	NO	SMF	NO
VDB-33313-CD	Duplex TX	50~2970Mbps	1310TX-1310TX	TX1, 0 ~ -5 dBm TX2, 0 ~ -5 dBm	3G-SDI@10KM	FP	NO	SMF	YES
VDB-33333-CD	Duplex TX	50~2970Mbps	1310TX-1310TX	TX1, 0 ~ -5 dBm TX2, 0 ~ -5 dBm	3G-SDI@30KM	DFB	NO	SMF	YES
VDB-35553-CD	Duplex TX	50~2970Mbps	1550TX-1550TX	TX1, 4 ~ 0 dBm TX2, 4 ~ 0 dBm	3G-SDI@50KM	DFB	NO	SMF	YES
VDB-35583-CD	Duplex TX	50~2970Mbps	1550TX-1550TX	TX1, 4 ~ 0 dBm TX2, 4 ~ 0 dBm	3G-SDI@80KM	DFB	NO	SMF	YES
VDB-355L3-CD	Duplex TX	50~2970Mbps	1550TX-1550TX	TX1, 7 ~ 3 dBm TX2, 7 ~ 3 dBm	3G-SDI@120KM	DFB	NO	SMF	YES
VDD-38833-CD	Duplex RX	50~2970Mbps	850RX-850RX	RX1, 0 ~ -15 dBm RX2, 0 ~ -15 dBm	3G-SDI@ 300M	NA	NO	MMF	YES
VDD-38833-C	Duplex RX	50~2970Mbps	850RX-850RX	RX1, 0 ~ -15 dBm RX2, 0 ~ -15 dBm	3G-SDI@ 300M	NA	NO	MMF	NO
VDD-3FF53-C	Duplex RX	50~2970Mbps	RX, 1260~1620 RX, 1260~1620	RX1, 0 ~ -20 dBm RX2, 0 ~ -20 dBm	Work with TX model	NA	NO	SMF	NO
VDD-3FFL3-C	Duplex RX	50~2970Mbps	RX, 1260~1620 RX, 1260~1620	RX1, -9 ~ -28 dBm RX2, -9 ~ -28 dBm	Work with TX model	NA	NO	SMF	NO
VDD-3FF53-CD	Duplex RX	50~2970Mbps	RX, 1260~1620 RX, 1260~1620	RX1, 0 ~ -20 dBm RX2, 0 ~ -20 dBm	Work with TX model	NA	NO	SMF	YES
VDD-3FFL3-CD	Duplex RX	50~2970Mbps	RX, 1260~1620 RX, 1260~ 1620	RX1, -9 ~ -28 dBm RX2, -9 ~ -28 dBm	Work with TX model	NA	NO	SMF	YES
VML-38833-C	Single TX Single RX	50~2970Mbps	850TX-850RX	TX1, -2 ~ -7 dBm RX2, 0 ~ -15 dBm	3G-SDI@ 300M	VCSEL	YES	MMF	NO
VML-38833-CD	Single TX Single RX	50~2970Mbps	850TX-850RX	TX1, -2 ~ -7 dBm RX2, 0 ~ -15 dBm	3G-SDI@ 300M	VCSEL	YES	MMF	YES

Product Name	Application	Data Rate	Wavelength	Power/ Sensitivity	Distance	Laser	MSA	Media	DDM
VML-38833-CD	Single TX Single RX	50~2970Mbps	850TX-850RX	TX1, -2 ~ -7 dBm RX2, 0 ~ -15 dBm	3G-SDI@ 300M	VCSEL	YES	MMF	YES
VML-38833-C	Single TX Single RX	50~2970Mbps	850TX-850RX	TX1, -2 ~ -7 dBm RX2, 0 ~ -15 dBm	3G-SDI@ 300M	VCSEL	YES	MMF	NO
VDL-33F13-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@10KM	FP	NO	SMF	NO
VDL-33F33-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@30KM	DFB	NO	SMF	NO
VDL-33F53-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, 0 ~ -20 dBm	3G-SDI@50KM	DFB	NO	SMF	NO
VDL-33F83-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, -9 ~ -28 dBm	3G-SDI@80KM	DFB	NO	SMF	NO
VDL-33F13-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@10KM	FP	NO	SMF	YES
VDL-33F33-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@30KM	DFB	NO	SMF	YES
VDL-33F53-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, 0 ~ -20 dBm	3G-SDI@50KM	DFB	NO	SMF	YES
VDL-33F83-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, -9 ~ -28 dBm	3G-SDI@80KM	DFB	NO	SMF	YES
VDL-33F13-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@10KM	FP	NO	SMF	NO
VDL-33F33-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@30KM	DFB	NO	SMF	NO
VDL-33F53-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, 0 ~ -20 dBm	3G-SDI@50KM	DFB	NO	SMF	NO
VDL-33F83-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, -9 ~ -28 dBm	3G-SDI@80KM	DFB	NO	SMF	NO
VDL-33F13-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@10KM	FP	NO	SMF	YES
VDL-33F33-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@30KM	DFB	NO	SMF	YES
VDL-33F53-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, 0 ~ -20 dBm	3G-SDI@50KM	DFB	NO	SMF	YES
VDL-33F83-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, -9 ~ -28 dBm	3G-SDI@80KM	DFB	NO	SMF	YES
VML-33F13-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dB	3G-SDI@10KM	FP	YES	SMF	NO
VML-33F33-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@30KM	DFB	YES	SMF	NO

Product Name	Application	Data Rate	Wavelength	Power/ Sensitivity	Distance	Laser	MSA	Media	DDM
VML-33F53-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, 0 ~ -20 dBm	3G-SDI@50KM	DFB	YES	SMF	NO
VML-33F83-C	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, -9 ~ -28 dBm	3G-SDI@80KM	DFB	YES	SMF	NO
VML-33F13-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@10KM	FP	YES	SMF	YES
VML-33F33-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 0 ~ -5 dBm RX2, 0 ~ -20 dBm	3G-SDI@30KM	DFB	YES	SMF	YES
VML-33F53-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, 0 ~ -20 dBm	3G-SDI@50KM	DFB	YES	SMF	YES
VML-33F83-CD	Single TX Single RX	50~2970Mbps	TX, 1310 RX, 1260~1620	TX1, 4 ~ 0 dBm RX2, -9 ~ -28 dBm	3G-SDI@80KM	DFB	YES	SMF	YES
VDC-38033-C	Single TX	50~2970Mbps	850TX	TX, -2 ~ -7 dBm	3G-SDI@ 300M	VCSEL	NO	MMF	NO
VDC-38033-CD	Single TX	50~2970Mbps	850TX	TX, -2 ~ -7 dBm	3G-SDI@ 300M	VCSEL	NO	MMF	YES
VDC-33013-C	Single TX	50~2970Mbps	1310TX	TX, 0 ~ -5 dBm	3G-SDI@10KM	FP	NO	SMF	NO
VDC-33033-C	Single TX	50~2970Mbps	1310TX	TX, 0 ~ -5 dBm	3G-SDI@30KM	DFB	NO	SMF	NO
VDC-35053-C	Single TX	50~2970Mbps	1550TX	TX, 4 ~ 0 dBm	3G-SDI@50KM	DFB	NO	SMF	NO
VDC-35083-C	Single TX	50~2970Mbps	1550TX	TX, 4 ~ 0 dBm	3G-SDI@80KM	DFB	NO	SMF	NO
VDC-350L3-C	Single TX	50~2970Mbps	1550TX	TX, 7 ~ 3 dBm	3G-SDI@120KM	DFB	NO	SMF	YES
VSC-33013-CD	Single TX	50~2970Mbps	1310TX	TX, 0 ~ -5 dBm	3G-SDI@10KM	FP	NO	SMF	YES
VDC-33033-CD	Single TX	50~2970Mbps	1310TX	TX, 0 ~ -5 dBm	3G-SDI@30KM	DFB	NO	SMF	YES
VDC-35053-CD	Single TX	50~2970Mbps	1550TX	TX, 4 ~ 0 dBm	3G-SDI@50KM	DFB	NO	SMF	YES
VDC-35083-CD	Single TX	50~2970Mbps	1550TX	TX, 4 ~ 0 dBm	3G-SDI@80KM	DFB	NO	SMF	YES
VDC-350L3-CD	Single TX	50~2970Mbps	1550TX	TX, 7 ~ 3 dBm	3G-SDI@120KM	DFB	NO	SMF	YES
VDE-38033-CD	Single RX	50~2970Mbps	850RX	RX, 0 ~ -15 dBm	3G-SDI@ 300M	NA	NO	MMF	YES
VDE-38033-C	Single RX	50~2970Mbps	850RX	RX, 0 ~ -15 dBm	3G-SDI@ 300M	NA	NO	MMF	NO
VDE-3F053-C	Single RX	50~2970Mbps	RX, 1260~1620	RX, 0 ~ -20 dBm	Work with TX model	NA	NO	SMF	NO
VDE-3F0L3-C	Single RX	50~2970Mbps	RX, 1260~1620	RX, -9 ~ -28 dBm	Work with TX model	NA	NO	SMF	NO
VDE-3F053-CD	Single RX	50~2970Mbps	RX, 1260~1620	RX, 0 ~ -20 dBm	Work with TX model	NA	NO	SMF	YES
VDE-3F0L3-CD	Single RX	50~2970Mbps	RX, 1260~1620 RX, 1260~ 1620	RX, -9 ~ -28 dBm	Work with TX model	NA	NO	SMF	YES