

Transceiver Product Guide



Connectivity has never been this **simple.**

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Transceivers for Datacom and Telecom Applications



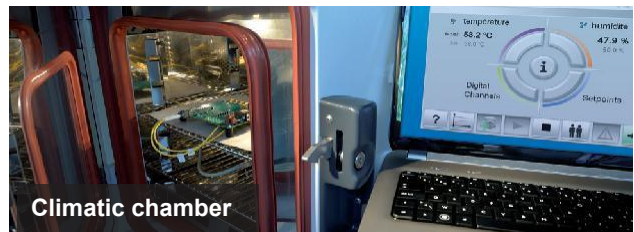
REACOMM® supplies a broad range of optical transceivers for the Datacom and Telecom industry. Our engineers work closely with our customers to find the best solution for every application. We are committed to provide high quality and high performance products and services to our customers.

Quality Assurance

At REACOMM® we are focused on Quality. We use cutting edge equipment in order to perform qualification tests and technical performance verification on our transceivers.

Our laboratory is equipped with climatic and thermal chambers, Tektronix BERTScope® Bit Error Rate Tester (up to 12.5 Gbps), Ethernet tester EXFO® AXS-200/850, a Digital Lightwave® Network Information Computer for SONET/SDH, OTN, Ethernet, Fiber Channel testing, up to 10G, three Optical Spectrum Analyzers for CWDM and DWDM testings with up to 10 pm accuracy and for data rates up to 100Gbps, an Exfo® IQS-600 equipped with variable optical attenuator, high accuracy power meters and several optical switches for fully automated testing.

The manufacturing sites are audited frequently to ensure they follow REACOMM standard.



Compatibility

REACOMM® can offer the best cost-effective solutions for all major platforms. We perform the programming in house and have a vast experience and switches for verification.

Cleanliness of Transceivers

Our internal procedures for transceiver cleaning and cleanliness checking are in accordance with IEC 613003-35 Ed. 1.0.

Traceability

REACOMM® transceivers are fully traceable with our Smart Serial Number system.

A full product range of high quality transceivers for all major platforms

A team with extensive experience from the fiber optics field

Top modern engineering and logistic center



Our laboratory

Our Laboratory

- > Lab, based in Wuhan, China
- > Technical support
- > RMA handling
- > Qualification tests :
 - Performances at temperatures range
 - Compliance with standards (IEEE, IEC, MSA)
 - Power consumption
 - Eye diagram
 - Sensitivity
 - Wavelength



Our engineering and logistics centre

Our Engineering and LogisticsCentre

- > Hosting logistics, coding, and controlling based in Wuhan, Shenzhen, China
- > IQC [Incoming Quality Control] and OQC [Outgoing Quality Control]
- > 100% optimized for handling of transceivers
- > ESD [ANSI/ESD S20.20] compliant
- > Particle free area; class 100K
- > Integrated tracking system
- > High Capacity

Certifications

REACOMM® transceivers are certified by TUV.

- > EN 60950-1:2006 ITE, Safety, General requirements
- > EN 60825-1:2007 Safety of laser products
- > EN 60825-2:2004 Safety of Optical Fiber Communication Systems



Why REACOMM® ?



Strict Qualification Process

- > We have our own equipment to control and provide high quality products.



On-site Support

- > Highly experienced engineers are able to support our customers with potential issues on-site.



Competitive pricing

- > Our strong market knowledge in combination with large volumes enables us to offer cost-effective solutions.



Fast Delivery

- > Large stock to an efficient logistic center allow us to ship fast.

	Part Number	Data Rate	Wavelength(nm)	Tx Power(dBm)	Rx Sen(dBm)	Reach	Connector	Temp.
SFP 155M	RC-MM8503-02Dx	155Mb/s	850	-10 ~ +2	≤-23	2km	Duplex LC	C/I
	RC-MM3103-02Dx	155Mb/s	1310	-18 ~ -10	≤-26	2km	Duplex LC	C/I
	RC-SM3103-20Dx	155Mb/s	1310	-14 ~ -8	≤-32	20km	Duplex LC	C/I
	RC-SM3103-40Dx	155Mb/s	1310	-8 ~ -3	≤-32	40km	Duplex LC	C/I
	RC-SM5503-40Dx	155Mb/s	1550	-8 ~ -3	≤-32	40km	Duplex LC	C/I
	RC-SM5503-80Dx	155Mb/s	1550	-5 ~ +2	≤-32	80km	Duplex LC	C/I
	RC-SM5503-A2Dx	155Mb/s	1550	0 ~ +5	≤-34	120km	Duplex LC	C/I
SFP 622M	RC-MM8512-02Dx	622Mb/s	850	-9 ~ 0	≤-18	550m	Duplex LC	C/I
	RC-SM3112-20Dx	622Mb/s	1310	-15 ~ -8	≤-28	20km	Duplex LC	C/I
	RC-SM3112-40Dx	622Mb/s	1310	-8 ~ -3	≤-28	40km	Duplex LC	C/I
	RC-SM5512-40Dx	622Mb/s	1550	-8 ~ 0	≤-28	40km	Duplex LC	C/I
	RC-SM5512-80Dx	622Mb/s	1550	-3 ~ +3	≤-28	80km	Duplex LC	C/I
	RC-SM5512-A2Dx	622Mb/s	1550	1 ~ 5	≤-29	120km	Double LC	C/I
SFP 1.25G	RC-MM8524-S5Dx	1.25Gb/s	850	-9 ~ 0	≤-18	550m	Duplex LC	C/I
	RC-MM3124-02Dx	1.25Gb/s	1310	-13 ~ -3	≤-21	2km	Duplex LC	C/I
	RC-SM3124-20Dx	1.25Gb/s	1310	-9 ~ 0	≤-23	20km	Duplex LC	C/I
	RC-SM3124-40Dx	1.25Gb/s	1310	-5 ~ 0	≤-23	40km	Duplex LC	C/I
	RC-SM5524-40Dx	1.25Gb/s	1550	-5 ~ 0	≤-23	40km	Duplex LC	C/I
	RC-SM5524-80Dx	1.25Gb/s	1550	0 ~ +5	≤-26	80km	Duplex LC	C/I
	RC-SM5524-A2Dx	1.25Gb/s	1550	1 ~ 5	≤-28	120km	Duplex LC	C/I
SFP 2.5G	RC-MM8548-S3Dx	2.5Gb/s	850	-9 ~ 0	≤-18	330m	Duplex LC	C/I
	RC-SM3148-02Dx	2.5Gb/s	1310	-10 ~ -3	≤-18	2km	Duplex LC	C/I
	RC-SM3148-10Dx	2.5Gb/s	1310	-9 ~ -3	≤-18	10km	Duplex LC	C/I
	RC-SM3148-20Dx	2.5Gb/s	1310	-6 ~ +1	≤-18	20km	Duplex LC	C/I
	RC-SM5548-20Dx	2.5Gb/s	1550	-6 ~ +1	≤-18	20km	Duplex LC	C/I
	RC-SM3148-40Dx	2.5Gb/s	1310	-2 ~ +3	≤-20	40km	Duplex LC	C/I
	RC-SM5548-40Dx	2.5Gb/s	1550	-2 ~ +3	≤-20	40km	Duplex LC	C/I
	RC-SM5548-80Dx	2.5Gb/s	1550	0 ~ +5	≤-26	80km	Duplex LC	C/I

SFP CWDM	RC-CWxx03-40Dx	155Mb/s	1270 ~ 1610	-5 ~ 0	≤-32	40km	Duplex LC	C/I
	RC-CWxx03-80Dx	155Mb/s	1270 ~ 1610	-3 ~ +2	≤-32	80km	Duplex LC	C/I
	RC-CWxx03-A2Dx	155Mb/s	1470 ~ 1610	0 ~ +5	≤-34	120km	Duplex LC	C I
	RC-CWxx24-40Dx	1.25Gb/s	1270 ~ 1610	-5 ~ 0	≤-24	40km	Double LC	C/I
	RC-CWxx24-60Dx	1.25Gb/s	1270 ~ 1610	-1 ~ +3	≤-24	60km	Double LC	C/I
	RC-CWxx24-80Dx	1.25Gb/s	1270 ~ 1610	0 ~ +4	≤-26	80km	Double LC	C/I
	RC-CWxx24-A2Dx	1.25Gb/s	1470 ~ 1610	0 ~ +5	≤-28	120km	Double LC	C/I
	RC-CWxx48-40Dx	2.5Gb/s	1270 ~ 1610	-2 ~ +3	≤-19	40km	Double LC	C/I
	RC-CWxx48-80Dx	2.5Gb/s	1270 ~ 1610	0 ~ +5	≤-26	80km	Double LC	C/I
SFP DWDM	RC-DWxx24-40Dx	1.25Gb/s	ITU-T G.692 C21-61	-3 ~ +2	≤-24	40km	Double LC	C/I
	RC-DWxx24-80Dx	1.25Gb/s	ITU-T G.692 C21-61	0 ~ +4	≤-30	80km	Double LC	C/I
	RC-DWxx24-A2Dx	1.25Gb/s	ITU-T G.692 C21-61	0 ~ +4	≤-32	120km	Double LC	C/I
	RC-DWxx48-40Dx	2.5Gb/s	ITU-T G.692 C21-61	-3 ~ +2	≤-20	40km	Double LC	C/I
	RC-DWxx48-80Dx	2.5Gb/s	ITU-T G.692 C21-61	0 ~ +4	≤-28	80km	Double LC	C/I
	RC-DWxx48-A2Dx	2.5Gb/s	ITU-T G.692 C21-61	0 ~ +4	≤-30	120km	Double LC	C/I
SFP BIDI	RC-BL3503-03Dx	155Mb/s	1310/1550	-14 ~ -8	≤-23	3km	Single LC	C/I
	RC-BL5303-03Dx	155Mb/s	1550/1310	-14 ~ -8	≤-23	3km	Single LC	C/I
	RC-BL3503-20Dx	155Mb/s	1310/1550	-14 ~ -8	≤-32	20km	Single LC	C/I
	RC-BL5303-20Dx	155Mb/s	1550/1310	-14 ~ -8	≤-32	20km	Single LC	C/I
	RC-BL3503-40Dx	155Mb/s	1310/1550	-8 ~ -2	≤-32	40km	Single LC	C/I
	RC-BL5303-40Dx	155Mb/s	1550/1310	-8 ~ -2	≤-32	40km	Single LC	C/I
	RC-BL4503-80Dx	155Mb/s	1490/1550	-5 ~ +2	≤-32	80km	Single LC	C/I
	RC-BL5403-80Dx	155Mb/s	1550/1490	-5 ~ +2	≤-32	80km	Single LC	C/I

SFP BIDI	RC-Bx3524-03Dx	1.25Gb/s	1310/1550	-14 ~ -8	≤-23	3km	Single LC/SC	C/I
	RC-Bx5324-03Dx	1.25Gb/s	1550/1310	-14 ~ -8	≤-23	3km	Single LC/SC	C/I
	RC-Bx3524-20Dx	1.25Gb/s	1310/1550	-9 ~ 0	≤-23	20km	Single LC/SC	C/I
	RC-Bx5324-20Dx	1.25Gb/s	1550/1310	-9 ~ 0	≤-23	20km	Single LC/SC	C/I
	RC-Bx3524-40Dx	1.25Gb/s	1310/1550	-5 ~ 0	≤-24	40km	Single LC/SC	C/I
	RC-Bx5324-40Dx	1.25Gb/s	1550/1310	-5 ~ 0	≤-24	40km	Single LC/SC	C/I
	RC-Bx3424-20Dx	1.25Gb/s	1310/1490	-9 ~ 0	≤-23	20km	Single LC/SC	C/I
	RC-Bx4324-20Dx	1.25Gb/s	1490/1310	-9 ~ 0	≤-23	20km	Single LC/SC	C/I
	RC-Bx3424-40Dx	1.25Gb/s	1310/1490	-5 ~ 0	≤-23	40km	Single LC/SC	C/I
	RC-Bx4324-40Dx	1.25Gb/s	1490/1310	-5 ~ 0	≤-23	40km	Single LC/SC	C/I
	RC-Bx4524-80Dx	1.25Gb/s	1490/1550	0 ~ +5	≤-26	80km	Single LC/SC	C/I
	RC-Bx5424-80Dx	1.25Gb/s	1550/1490	0 ~ +5	≤-26	80km	Single LC/SC	C/I
	RC-Bx4524-A0Dx	1.25Gb/s	1490/1550	0 ~ +5	≤-28	100km	Single LC/SC	C/I
	RC-Bx5424-A0Dx	1.25Gb/s	1550/1490	0 ~ +5	≤-28	100km	Single LC/SC	C/I
	RC-Bx4524-A2Dx	1.25Gb/s	1490/1550	1 ~ +5	≤-28	120km	Single LC/SC	C/I
	RC-Bx5424-A2Dx	1.25Gb/s	1550/1490	1 ~ +5	≤-28	120km	Single LC/SC	C/I
	RC-BL3548-10Dx	2.5Gb/s	1310/1550	-8 ~ -3	≤-18	10km	Single LC	C/I
	RC-BL5348-10Dx	2.5Gb/s	1550/1310	-8 ~ -3	≤-18	10km	Single LC	C/I
	RC-BL3548-20Dx	2.5Gb/s	1310/1550	-5 ~ 0	≤-18	20km	Single LC	C/I
	RC-BL5348-20Dx	2.5Gb/s	1550/1310	-5 ~ 0	≤-18	20km	Single LC	C/I
	RC-BL3548-40Dx	2.5Gb/s	1310/1550	-2 ~ +4	≤-20	40km	Single LC	C/I
	RC-BL5348-40Dx	2.5Gb/s	1550/1310	-2 ~ +4	≤-20	40km	Single LC	C/I
	RC-BL4548-80Dx	2.5Gb/s	1490/1550	0 ~ +5	≤-26	80km	Single LC	C/I
	RC-BL5448-80Dx	2.5Gb/s	1550/1490	0 ~ +5	≤-26	80km	Single LC	C/I

	Part Number	Data Rate	Wavelength(nm)	Tx Power(dBm)	Rx Sen(dBm)	Reach	Connector	Temp.
SFP+	RC-TGSR-85x	10.3Gb/s	850	-6 ~ -0.5	≤-10.5	300m(SR)	Duplex LC	C/I
	RC-TGLR-31Mx	10.3Gb/s	1310	-6.5 ~ -0.5	≤-10	220m(LRM)	Duplex LC	C/I
	RC-TGLR-31x	10.3Gb/s	1310	-6.5 ~ -0.5	≤-14.4	2km	Duplex LC	C/I
	RC-TGLR-31Ex	10.3Gb/s	1310	-6.5 ~ -0.5	≤-14.4	10km(LR)	Duplex LC	C/I
	RC-TGLR-31Hx	10.3Gb/s	1310	-3.0 ~ +2.0	≤-14.4	20km	Duplex LC	C/I
	RC-TGER-55x	10.3Gb/s	1550	-1 ~ +2.0	≤-15.5	40km(ER)	Duplex LC	C/I
	RC-TGZR-55	10.3Gb/s	1550	0 ~ +4	≤-23	80km(ZR)	Duplex LC	C/I
	RC-TGZR-55Ex	10.3Gb/s	1550	+1 ~ +4	≤-23	100km	Duplex LC	C
SFP+ CWDM EML	RC-TGCWxx-40x	10.3Gb/s	1470 ~ 1610	-1 ~ +2.0	≤-16	40km	Duplex LC	C/I
	RC-TGCWxx-80x	10.3Gb/s	1470 ~ 1610	0 ~ +4	≤-23	80km	Duplex LC	C/I
SFP+ CWDM DFB	RC-TGCDxx-10x	10.3Gb/s	1270 ~ 1570	-3.0 ~ +2.0	≤-14	10km	Duplex LC	C/I
	RC-TGCDxx-20x	10.3Gb/s	1270 ~ 1450	-3.0 ~ +2.0	≤-15	20km	Duplex LC	C/I
	RC-TGCDxx-40x	10.3Gb/s	1270 ~ 1390	0 ~ +5	≤-16	40km	Duplex LC	C/I
	RC-TGCDxx-60x	10.3Gb/s	1270 ~ 1330	+1 ~ +6	≤-21	60km	Duplex LC	C/I
	RC-TGCDxx-05x	10.3Gb/s	1590 ~ 1610	-3.0 ~ +2.0	≤-15	5km	Duplex LC	C/I
SFP+ DWDM	RC-TGDWxx-40x	10.3Gb/s	ITU-T G.692 C21-61	-1 ~ +2.0	≤-15.5	40km	Duplex LC	C/I
	RC-TGDWxx-80x	10.3Gb/s	ITU-T G.692 C21-61	0 ~ +4	≤-23	80km	Duplex LC	C/I
SFP+ BIDI	RC-RC-TGLR-23x	10.3Gb/s	1270T/1330R	-5 ~ 0	≤-12.5	10km	Single LC	C/I
	RC-TGLR-32x	10.3Gb/s	1330T/1270R	-5 ~ 0	≤-12.5	10km	Single LC	C/I
	RC-TGLR-23Ex	10.3Gb/s	1270T/1330R	-3.0 ~ +2.0	≤-14.4	20km	Single LC	C/I
	RC-TGLR-32Ex	10.3Gb/s	1330T/1270R	-3.0 ~ +2.0	≤-14.4	20km	Single LC	C/I
	RC-TGER-23x	10.3Gb/s	1270T/1330R	-1 ~ +5	≤-15	40km	Single LC	C/I
	RC-TGER-32x	10.3Gb/s	1330T/1270R	-1 ~ +5	≤-15	40km	Single LC	C/I
	RC-TGER-23Ex	10.3Gb/s	1270T/1330R	+1 ~ +6	≤-20	60km	Single LC	C/I
	RC-TGER-32Ex	10.3Gb/s	1330T/1270R	+1 ~ +6	≤-20	60km	Single LC	C/I
	RC-TGZR-45x	10.3Gb/s	1490T/1550R	-1 ~ +4	≤-23	80km	Single LC	C/I
	RC-TGZR-54x	10.3Gb/s	1550T/1490R	-1 ~ +4	≤-23	80km	Single LC	C/I

	Part Number	Data Rate	Wavelength(nm)	Tx Power(dBm)	Rx Sen(dBm)	Reach	Connector	Temp.
XFP	RC-TGSR-85Xx	10.3Gb/s	850	-6.5 ~ -0.5	≤-11.1	300m(SR)	Duplex LC	C/I
	RC-TGLR-31Xx	10.3Gb/s	1310	-6.5 ~ +0.5	≤-14.5	10km(LR)	Duplex LC	C/I
	RC-TGLR-31XEx	10.3Gb/s	1310	-3 ~ +2	≤-15	20km	Duplex LC	C/I
	RC-TGER-55Xx	10.3Gb/s	1550	-1 ~ +2	≤-16	40km(ER)	Duplex LC	C/I
	RC-TGZR-55Xx	10.3Gb/s	1550	0 ~ +4	≤-23	80km(ZR)	Duplex LC	C/I
	RC-TGZR-55XE	10.3Gb/s	1550	1 ~ +4	≤-25	100km	Duplex LC	C
XFP CWDM (EML)	RC-TGCWxx-40Xx	10.3Gb/s	1470-1610	-1 ~ +2	≤-16	40km	Duplex LC	C/I
	RC-TGCWxx-80Xx	10.3Gb/s	1470-1610	0 ~ +4	≤-23	80km	Duplex LC	C/I
XFP CWDM (DFB)	RC-TGCDxx-10Xx	10.3Gb/s	1270-1570	-3.0 ~ +2.0	≤-14	10km	Duplex LC	C/I
	RC-TGCDxx-20Xx	10.3Gb/s	1270-1450	-3.0 ~ +2.0	≤-15	20km	Duplex LC	C/I
	RC-TGCDxx-40Xx	10.3Gb/s	1270-1390	0 ~ +5	≤-16	40km	Duplex LC	C/I
	RC-TGCDxx-60Xx	10.3Gb/s	1270-1330	+1 ~ +6	≤-21	60km	Duplex LC	C/I
	RC-TGCDxx-05Xx	10.3Gb/s	1590-1610	-3.0 ~ +2.0	≤-15	5km	Duplex LC	C/I
XFP DWDM	RC-TGDWxx-40Xx	10.3Gb/s	ITU-T G.692 C21-61	-1 ~ +2	≤-16	40km	Duplex LC	C/I
	RC-TGDWxx-80Xx	10.3Gb/s	ITU-T G.692 C21-61	0 ~ +4	≤-23	80km	Duplex LC	C/I
XFP BIDI	RC-TGLR-23Xx	10.3Gb/s	1270T/1330R	-5 ~ 0	≤-12.5	10km	Single LC	C/I
	RC-TGLR-32Xx	10.3Gb/s	1330T/1270R	-5 ~ 0	≤-12.5	10km	Single LC	C/I
	RC-TGLR-23XEx	10.3Gb/s	1270T/1330R	-3.0 ~ +2.0	≤-14.5	20km	Single LC	C/I
	RC-TGLR-32XEx	10.3Gb/s	1330T/1270R	-3.0 ~ +2.0	≤-14.5	20km	Single LC	C/I
	RC-TGER-23Xx	10.3Gb/s	1270T/1330R	-1 ~ +5	≤-15	40km	Single LC	C/I
	RC-TGER-32Xx	10.3Gb/s	1330T/1270R	-1 ~ +5	≤-15	40km	Single LC	C/I
	RC-TGER-23XEx	10.3Gb/s	1270T/1330R	+1 ~ +6	≤-20	60km	Single LC	C/I
	RC-TGER-32XEx	10.3Gb/s	1330T/1270R	+1 ~ +6	≤-20	60km	Single LC	C/I
	RC-TGZR-45Xx	10.3Gb/s	1490T/1550R	0 ~ +4	≤-23	80km	Single LC	C/I
	RC-TGZR-54Xx	10.3Gb/s	1550T/1490R	0 ~ +4	≤-23	80km	Single LC	C/I
					Operating case temperature: C= 0 to +70°C I= -40 to +85°C			

SFP+ With CDR	RC-TGSR-85CD	10.3Gb/s	850	-6 ~ -0.5	≤-10.5	300m(SR)	Duplex LC	C
	RC-TGLR-31CD	10.3Gb/s	1310	-6.5 ~ -0.5	≤-14.4	10km(LR)	Duplex LC	C
	RC-TGLR-31ECD	10.3Gb/s	1310	-3.0 ~ +2.0	≤-14.4	20km	Duplex LC	C
	RC-TGER-55CD	10.3Gb/s	1550	-1 ~ +2.0	≤-15.5	40km(ER)	Duplex LC	C
	RC-TGZR-55CD	10.3Gb/s	1550	0 ~ +4	≤-23	80km(ZR)	Duplex LC	C
	RC-TGZR-55ECD	10.3Gb/s	1550	+1 ~ +4	≤-23	100km	Duplex LC	C
SFP+ CWDM With CDR	RC-TGCWxx-40CD	10.3Gb/s	1470 ~ 1610	-1 ~ +2.0	≤-16	40km	Duplex LC	C
	RC-TGCWxx-80CD	10.3Gb/s	1470 ~ 1610	0 ~ +4	≤-23	80km	Duplex LC	C
SFP+ DWDM With CDR	RC-TGDWxx-40CD	10.3Gb/s	ITU-T G.692 C21-61	-1 ~ +2.0	≤-15.5	40km	Duplex LC	C
	RC-TGDWxx-80CD	10.3Gb/s	ITU-T G.692 C21-61	0 ~ +4	≤-23	80km	Duplex LC	C
SFP+ BIDI With CDR	RC-TGZR-45CD	10.3Gb/s	1490T/1550R	-1 ~ +4	≤-23	80km	Single LC	C
	RC-TGZR-54CD	10.3Gb/s	1550T/1490R	-1 ~ +4	≤-23	80km	Single LC	C

	Part Number	Data Rate	Wavelength(nm)	Tx Power(dBm)	Rx Sen(dBm)	Reach	Connector	Temp.
SFP28 25G	RC-SF28SR-8501x	25Gb/s	850	-8.4 ~ +2.4	≤-10	100m	Duplex LC	C/I
	RC-SF28SR-8503x	25Gb/s	850	-8.4 ~ +2.4	≤-11.9	300m(OM4)	Duplex LC	C/I
	RC-SF28LR-3103x	25Gb/s	1310	-6 ~ +2	≤-10.5	300m	Duplex LC	C/I
	RC-SF28LR-3110x	25Gb/s	1310	-6 ~ +2	≤-13.3	10km	Duplex LC	C/I
	RC-SF28LR-3120x	25Gb/s	1310	-5 ~ +2	≤-14	20km	Duplex LC	C/I
	RC-SF28LR-3130x	25Gb/s	1310	0 ~ +6	≤-19	30km	Duplex LC	C/I
	RC-SF28ER-3140x	25Gb/s	1310(EML)	0 ~ +6	≤-19	40km	Duplex LC	C/I
SFP28 25G CWDM	RC-SF28CDxx-10x	25Gb/s	1270-1370	-7 ~ +2	≤-13.3	10km	Duplex LC	C/I
	RC-SF28CWxx-10x	25Gb/s	1470 ~ 1610	-1 ~ +6	≤-14	10km	Duplex LC	C/I
SFP28 25G DWDM	RC-SF28DWxx-10x	25Gb/s	ITU-T G.692 C21-61	-1 ~ +6	≤-15	10km	Duplex LC	C
	RC-SF28DLxx-10x	25Gb/s	LanWDM(DML)	0 ~ +6	≤-13.3	10km	Duplex LC	C
	RC-SF28ELxx-40x	25Gb/s	LanWDM(EML)	0 ~ +6	≤-19	40km	Duplex LC	C
SFP28 BIDI 25G	RC-SF28LR-2303x	25Gb/s	1270T/1330R	-4 ~ +4	≤-13.3	300m	Single LC	C/I
	RC-SF28LR-3203x	25Gb/s	1330T/1270R	-4 ~ +4	≤-13.3	300m	Single LC	C/I
	RC-SF28LR-2310x	25Gb/s	1270T/1330R	0 ~ +6	≤-13.3	10km	Single LC	C/I
	RC-SF28LR-3210x	25Gb/s	1330T/1270R	0 ~ +6	≤-13.3	10km	Single LC	C/I
	RC-SF28LR-2320x	25Gb/s	1270T/1330R	0 ~ +6	≤-13.3	20km	Single LC	C/I
	RC-SF28LR-3220x	25Gb/s	1330T/1270R	0 ~ +6	≤-13.3	20km	Single LC	C/I

Operating case temperature: C= 0 to +70℃ I= -40 to +85℃

	Part Number	Data Rate	Wavelength(nm)	Tx Power(dBm)	Rx Sen(dBm)	Reach	Connector	Temp.
QSFP+ 40G	RCQ-MM85FG-S1DC	40Gb/s	850	-7.6 ~ +2.4	≤-9.5	100m	MPO	C
	RCQ-MM85FG-S3DC	40Gb/s	850	-7.6 ~ +2.4	≤-9.9	300m	MPO	C
	RCQ-SM31FG-02DC	40Gb/s	1310 PSM4	-5.5 ~ +1.5	≤-12.5	2km	MPO	C
	RCQ-SM31FG-10DC	40Gb/s	1310 PSM4	-5.5 ~ +1.5	≤-12.5	10km	MPO	C
	RCQ-CW31FG-02DC	40Gb/s	CWDM4	-7 ~ +2.3	≤-11.5	2km	Duplex LC	C
	RCQ-CW31FG-10DC	40Gb/s	CWDM4	-7 ~ +2.3	≤-13.7	10km	Duplex LC	C
	RCQ-CW31FG-40DC	40Gb/s	CWDM4	-5.5 ~ +1.5	≤-12.5	40km	Duplex LC	C
QSFP28 100G	RCQ-MM85HG-S1DC	100Gb/s	850	-8.4 ~ 2.4	≤-10.3	100m	MPO	C
	RCQ-CW31HG-02DC	100Gb/s	CWDM4	-5 ~ +2	≤-12	2km	Duplex LC	C
	RCQ-LW31HG-10DC	100Gb/s	LanWDM DML	-4.3 ~ 4.5	≤-10.6	10km	Duplex LC	C
	RCQ-LW31HD-10DC	100 ~ 112Gb/s	LanWDM DML	-4.3 ~ +4.5	≤-10.6	10km	Duplex LC	C
	RCQ-LW31HG-30DC	100Gb/s	LanWDM DML	-4.3 ~ +4.5	≤-16.6	30km	Duplex LC	C
	RCQ-LW31HG-40DC	100Gb/s	LanWDM EML	-2.5 ~ +6.5	≤-20.5	40km	Duplex LC	C



	Part Number	Data Rate	Wavelength(nm)	Tx Power(dBm)	Rx Sen(dBm)	Reach	Connector	Temp.
Copper SFP&SFP+	RC-TXG-2x	1000Mb/s	N/A	/	/	100m	RJ45	C/I
	RC-TXG-3x	10/100/1000Mb/s	N/A	/	/	100m	RJ45	C/I
	RC-TXT-3x	10Gb/s	N/A	/	/	30m	RJ45	C/I

	Part Number	Data Rate	Wavelength(nm)	Tx Power(dBm)	Rx Sen(dBm)	Reach	Connector	Temp.
AOC	RC-AC11TG-xxx	10Gb/s	850	/	/	1-300m	Fiber Cable	C/I
	RC-AC11T5-xxx	25Gb/s	850	/	/	1-100m	Fiber Cable	C/I
	RCQ-AC11FG-xxx	40Gb/s	850	/	/	1-100m	Fiber Cable	C/I
	RCQ-AC14FG-xxx	40Gb/s	850	/	/	1-100m	Fiber Cable	C/I
	RCQ-AC11HG-xxx	100Gb/s	850	/	/	1-100m	Fiber Cable	C/I
DAC	RCQ-DC11TG-xxx	10Gb/s	N/A	/	/	1-10m	Copper Cable	C/I
	RCQ-DC11FG-xxx	40Gb/s	N/A	/	/	1-7m	Copper Cable	C/I
	RCQ-DC14FG-xxx	40Gb/s	N/A	/	/	1-7m	Copper Cable	C/I
	RCQ-DC11HG-xxx	100Gb/s	N/A	/	/	1-5m	Copper Cable	C/I

	Part Number	Data Rate	Wavelength(nm)	Tx Power(dBm)	Rx Sen(dBm)	Reach	Connector	Temp.
SFP 1x/2x/4xFC	RC-SM851F-S5Dx	1.063Gb/s	850	-9 ~ -3	≤-20	550m	Duplex LC	C/I
	RC-SM852F-S3Dx	2.125Gb/s	850	-9 ~ -3	≤-20	300m	Duplex LC	C/I
	RC-SM311F-20Dx	1.063Gb/s	1310	-9 ~ -3	≤-23	20km	Duplex LC	C/I
	RC-SMxx1F-40Dx	1.063Gb/s	1310 / 1550	-5 ~ 0	≤-23	40km	Duplex LC	C/I
	RC-SM312F-20Dx	2.125Gb/s	1310	-5 ~ 0	≤-23	20km	Duplex LC	C/I
	RC-SMxx2F-xxDx	2.125Gb/s	1310 / 1550	-2 ~ 3	≤-23	40km	Duplex LC	C/I
	RC-SM854F-S3Dx	4.25Gb/s	850	-6.5 ~ -0.5	≤-15	300m	Duplex LC	C/I
	RC-SM314F-10Dx	4.25Gb/s	1310	-6.5 ~ -0.5	≤-17.5	10km	Duplex LC	C/I
	RC-SMxx4F-40Dx	4.25Gb/s	1310 / 1550	0 ~ +4	≤-17.5	40km	Duplex LC	C/I
SFP+ 8xFC	RC-MM858F-S3Dx	8.5Gb/s	850	-6 ~ -0.5	≤-10.5	300m	Duplex LC	C/I
	RC-SM318F-10Dx	8.5Gb/s	1310	-6.5 ~ -0.5	≤-14.4	10km	Duplex LC	C/I
SFP+ 16xFC	RC-MM85DF-S1Dx	14.025Gb/s	850	-7.8 ~ -0.5	≤-10.5	100m	Duplex LC	C/I
	RC-SM31DF-10Dx	14.025Gb/s	1310m	-5 ~ -0.5	≤-12	10km	Duplex LC	C/I
	RC-SM31DF-20Dx	14.025Gb/s	1310m	-5 ~ -0.5	≤-13	20km	Duplex LC	C/I
	RC-SM55DF-40Dx	14.025Gb/s	1550	-1 ~ +3	≤-14	40km	Duplex LC	C/I
	RC-CWxxDF-40Dx	14.025Gb/s	1470-1610	-1 ~ +3	≤-14	40km	Duplex LC	C/I
	RC-DWxxDF-40Dx	14.025Gb/s	ITU-T G.692 C21-61	-1 ~ +3	≤-14	40km	Duplex LC	C/I
SFP28 32xFC	RC-MM85TF-S1Dx	28.05Gb/s	850	-6.2 ~ +2	≤-10.2	100m	Duplex LC	C/I
	RC-SM31TF-10Dx	28.05Gb/s	1310	-7 ~ +2	≤-11.6	10km	Duplex LC	C/I

Operating case temperature: C= 0 to +70°C I= -40 to +85°C