

Formerica Optoelectronics, Inc.

Optical Transceiver Solutions

Formerica is a leading manufacturer of optical transceiver modules, delivering innovative and customizable solutions to customers worldwide, across many industries.

- Telecom systems
- Industrial controls systems
- Medical imaging
- Data centers
- Storage networking

Formerica optical transceivers utilize innovative technology to deliver energy efficient solutions. The broad product offering includes 100G/40G/25G/10G optical transceivers, active optical cables (AOC), and fanout AOC. All products are RoHS and TAA compliant.



Transceiver



Active Optical Cable (AOC)



Fanout AOC

Product List

Product Number	Data Rate (bps)	Description	Link Distance	Fiber Type	Optical Connector	Temperature (°C)
TAS-A1NH1-P11	10G	10GBase SFP+ SR	300m	Multi-Mode	LC	0-70
TAS-A1NB1-FAH	10G	10GBase SFP+ LR	10km	Single-Mode	LC	0-70
TAS-A1NA1-111	10G	10GBase SFP+ LRM	220m	Single-Mode	LC	0-70
TAS-A1NH8-XA3xx	10G	10GBase SFP+ AOC	*	-	-	0-70
TAS-A1EH1-8AQ	25G	25GBase SFP28 SR	100m	Multi-Mode	LC	0-70
TAS-A1EB1-FAQ	25G	25GBase SFP28 LR	10km	Single-Mode	LC	0-70
TAS-A1EH1-XAQxx	25G	25GBase SFP28 AOC	*	-	-	0-70
TQS-Q1LH9-2CA	40G	40GBase QSFP+ SR4	100m	Multi-Mode	MPO	0-70
TCW-Q1LAA-FCQ	40G	40GBase QSFP+ LR4	10km	Single-Mode	LC	0-70
TQS-Q1LB9-F11	40G	40GBase QSFP+ PSM4	10km	Single-Mode	MPO	0-70
TQS-Q1LH8-XCAxx	40G	40GBase QSFP+ AOC	*	-	-	0-70
TQS-21LH8-X81xx	40G	40GBase QSFP+ Fanout AOC	*	-	-	0-70
TQS-Q14H9-J82	100G	100GBase QSFP28 SR4	100m	Multi-Mode	MPO	0-70
TGW-Q14BB-FCQ	100G	100GBase QSFP28 LR4	10km	Single-Mode	LC	0-70
TQS-QC4B9-DCA	100G	100GBase QSFP28 PSM4	2km	Single-Mode	MPO	0-70
TQS-Q14H8-XCAxx	100G	100GBase QSFP28 AOC	*	-	-	0-70
TQS-214H8-XCAxx	100G	100GBase QSFP28 Fanout AOC	*	-	-	0-70

*Link Distance customization by request