

Active Electrical Cables (AEC)

Description	Broadex Technologies' high performance and cost effective Active Electrical Cables (AEC) . Support high speed 400Gb/s to 1600 Gb/s bit rates with cable lengths up to 7m. Broadex offers AECs with straight and breakout types. Designed for use in current and next-generation datacenters, these reliable and robust cables.
Features	<ol style="list-style-type: none"> 1. DSP Retimer based solutions 2. QSFP-DD, QSFP112 and OSFP MSA form factor 3. Compliant with CMIS 5.0 and above 4. Up to 7m 5. Single 3.3V Power Supply, 0°C to 70°C Commercial 6. Compliant with RoHS
Application	Data Centers and other communication environments.



Datasheets

Product Series	P/N	Cable Length	Rate (Gb/s)	Package	Temp	Notes
1.6T OSFP to 1.6T OSFP AEC	DHZZji-NCCC-xxx	up to 2.5m	1.6T	OSFP	C	AWG32, 8x224G PAM4 to 8x224G PAM4
800G OSFP to 800G OSFP AEC	DHZZii-NCCC-xxx	up to 7m	800	OSFP	C	8x112G PAM4 to 8x112G PAM4
800G OSFP to 800G OSFP-RHS AEC	DHZZii-NCCM-xxx	up to 7m	800	OSFP OSFP-RHS	C	8x112G PAM4 to 8x112G PAM4
800G OSFP to 2*400G OSFP AEC	DHZZii-NCCG-xxx	up to 7m	800	OSFP	C	8x112G PAM4 to Dual 4x112G PAM4
800G OSFP to 2*400G OSFP-RHS AEC	DHZZii-NCCN-xxx	up to 7m	800	OSFP OSFP-RHS	C	8x112G PAM4 to Dual 4x112G PAM4
800G OSFP to 2*400G QSFP112 AEC	DHZZii-NCCE-xxx	up to 7m	800	OSFP QSFP112	C	8x112G PAM4 to Dual 4x112G PAM4
800G OSFP to 2*400G QSFP-DD AEC	DHZZii-NCCJ-xxx	up to 7m	800	OSFP QSFP-DD	C	8x112G PAM4 to Dual 4x112G PAM4
800G OSFP to 4*200G OSFP-RHS AEC	DHZZii-NCCV-xxx	up to 7m	800	OSFP OSFP-RHS	C	8x112G PAM4 to Quad 2x112G PAM4
800G OSFP to 4*200G QSFP112 AEC	DHZZii-NCCP-xxx	up to 7m	800	OSFP QSFP112	C	8x112G PAM4 to Quad 2x112G PAM4
800G OSFP-RHS to 800G OSFP-RHS AEC	DHZZii-NCCR-xxx	up to 7m	800	OSFP-RHS	C	8x112G PAM4 to 8x112G PAM4
800G QSFP-DD to 800G QSFP-DD AEC	DHZZii-MCCA-xxx	up to 7m	800	QSFP-DD	C	8x112G PAM4 to 8x112G PAM4
800G QSFP-DD to 2*400G QSFP-DD AEC	DHZZii-MCCH-xxx	up to 7m	800	QSFP-DD	C	8x112G PAM4 to Dual 4x112G PAM4
800G QSFP-DD to 2*400G QSFP112 AEC	DHZZii-MCCB-xxx	up to 7m	800	QSFP-DD QSFP112	C	8x112G PAM4 to Dual 4x112G PAM4
800G QSFP-DD to 2*400G OSFP-RHS AEC	DHZZii-MCCK-xxx	up to 7m	800	QSFP-DD OSFP-RHS	C	8x112G PAM4 to Dual 4x112G PAM4
800G QSFP-DD to 4*200G QSFP112 AEC	DHZZii-MCCF-xxx	up to 7m	800	QSFP-DD QSFP112	C	8x112G PAM4 to Quad 2x112G PAM4
400G OSFP to 400G OSFP AEC	DHZZmm-NCCC-xxx	up to 7m	400	OSFP	C	4x112G/8x56G PAM4 to Quad 112G/8x56G PAM4
400G OSFP to 2*200G QSFP112 AEC	DHZZmm-NCCJ-xxx	up to 7m	400	OSFP QSFP112	C	4x112G PAM4 to Dual 2x112G PAM4
400G OSFP to 4*100G QSFP112 AEC	DHZZmm-NCCE-xxx	up to 7m	400	OSFP QSFP112	C	4x112G PAM4 to Quad 112G PAM4
400G OSFP-RHS to 400G OSFP-RHS AEC	DHZZmm-NCCF-xxx	up to 7m	400	OSFP-RHS	C	4x112G PAM4 to 4x112G PAM4

400G QSFP112 to 400G QSFP112 AEC	DHZZmm-KCCE-xxx	up to 7m	400	QSFP112	C	4x112G PAM4 to 4x112G PAM4
400G QSFP112 to 2*200G QSFP112 AEC	DHZZmm-KCCG-xxx	up to 7m	400	QSFP112	C	4x112G PAM4 to Dual 2x112G PAM4
400G QSFP-DD to 400G QSFP-DD AEC	DHZZmm-MCCK-xxx	up to 7m	400	QSFP-DD	C	8x56G PAM4 to 8x56G PAM4
400G QSFP-DD to 2*200G QSFP112 AEC	DHZZmm-MCCP-xxx	up to 7m	400	QSFP-DD QSFP112	C	8x56G PAM4 to Dual 2x112G PAM4