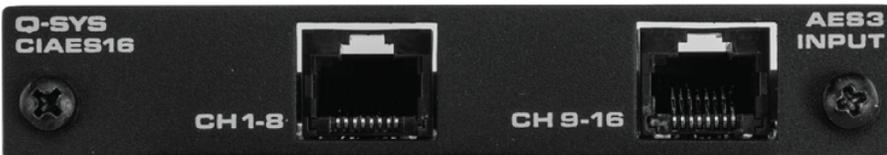


Technical Notes

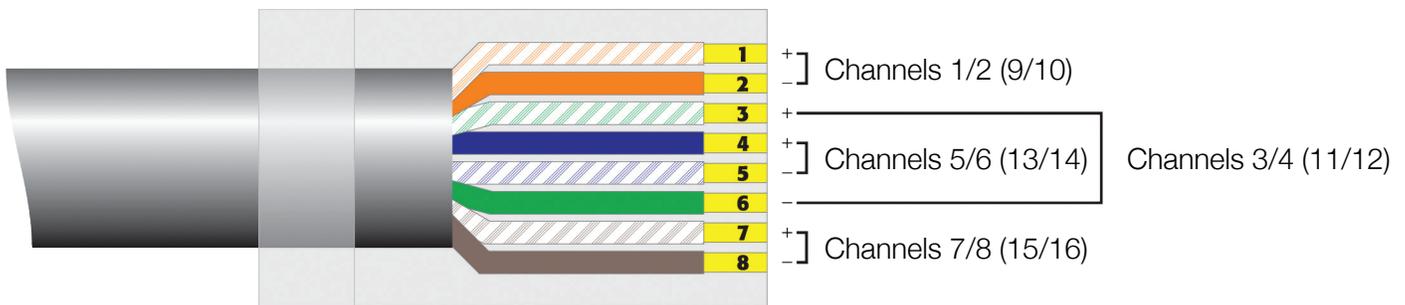
RJ45 Wiring for the CIAES-16 Card



Q-LAN/AES³ for Digital Cinema and Other Uses

The CIAES-16 is an input interface card for for Q-SYS, meant to be installed in an I/O slot of a Q-SYS Core or I/O Frame. It features two RJ45 jacks, each carrying four AES3 data streams. An AES3 stream carries two audio channels, so the card handles as many as 16 audio channels.

Use standard Cat5 or higher network cabling with T568B wiring (see the diagram below) at each end to connect AES3 sources to the CIAES-16 card. Do not use crossover cables.



T568B wiring and AES3 channel assignments