



Amphenol Interconnect Products Corp.

QSFP+ 40 Gigabit Ethernet

SFF-8436 & IEEE 802.3ba / 40G Base-CR4

Copper Assembly

Amphenol QSFP copper cable assemblies are high performance, cost effective interconnect solutions supporting Ethernet and Fibre Channel applications. QSFP+ copper assemblies provide a high density, high bandwidth solution at low cost and reduced power budget. Amphenol's high speed cable assemblies meet and exceed industry standards for performance and reliability as per SFF-8436 & IEEE 802.3ba.

Interface

- > 38 position board-as-connector

Cable Options

- > 8-pair 26 - 31 AWG
- > Amphenol Spectra-Strip SkewClear® EXF

Key Features

- > Four channels transmit and receive
- > 10Gbps per channel capacity
- > Copper link length up to 15m (active limiting)
- > 3X Port density over SFP+
- > Serial ID Compliant to SFF-8436 with write protect
- > Precision process control for pair-to-pair skew minimization
- > Low crosstalk
- > Low EMI
- > Improved impedance and bandwidth
- > Pull-to-release latch
- > Compliant to SFF-8436 & IEEE 802.3ba (40GBASE-CR4)

Applications

- > Fibre Channel
- > 40Gb Ethernet
- > Switches, Routers, and HBA's
- > Enterprise Data Center
- > High Performance Computing (HPC) & Storage

Complimentary Products

- > QSFP+ limiting amplified copper cables
- > QSFP+ linear amplified copper cable
- > QSFP+ active optical cables (AOC)
- > QSFP+ loopbacks



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