

AQ+S+40GxxxxxySz Cable Assemblies - 40G Active Optical Cable QSFP+ to SFP+ Breakout



For more Information
please call
1-800-Belden1



Description

40G QSFP+ Active Optical Cable QSFP+/4xSFP+ breakout, Multimode Duplex, LSZH or OFNP, Color, Various Lengths (see Product Family Table)

Usage (Overall):

Suitable Applications	Data Centers with 10G/40G Aggregation Architecture, Main Equipment Rooms, Telecommunications Rooms, Work Area, 10G/40G Fiber Channel over Ethernet Infiniband QDR, Storage Area Networks (SAN), Network Attached Storage (NAS) and High Performance Computing.
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Multi Conductor:

Physical Characteristics:

Overall Diameter:

Overall Nominal Diameter:	0.12 in.
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Physical Characteristics (Connectivity):

Fiber Type:

Fiber Type	MM
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Wiring Scheme:

Wiring Scheme	SFF-8436 and SFF-8431
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Packaging:

Packaging	Individually packaged in a clear ESD plastic bag.
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Mechanical Characteristics (Connectivity):

Storage Temperature Range	-20°C To +80°C
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Installation Temperature Range	0°C To +70°C
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Operating Temperature Range	0°C To +70°C
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Applicable Specifications and Agency Compliance (Overall):

Applicable Standards & Environmental Programs:

IEEE Specification	802.3ba-2010
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EU Directive 2002/95/EC (RoHS)	Yes
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EU RoHS Compliance Date (mm/dd/yyyy)	01/01/2006
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MII Order #39 (China RoHS)	EUP 50
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Suitability:

Suitability - Indoor	Yes
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Transmission Characteristics (Connectivity):

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Performance Table - Footnote

Operating Optical Wavelength: 850 nm

Electrical Characteristics (Overall):

Electrical Characteristics

Termination Type	Electrical Characteristics
Transceiver QSFP+	Refer to Tech Data Sheet AQ+Q+40GxxxxySz (40G QSFP+ Active Optical Cable)
Transceiver SFP+	Refer to Tech Data Sheet AS+S+10GxxxxySz (10G SFP+ Active Optical Cable)

Labeling:

Labeling

Labeling: Belden Part Number, Length and Short Description.

Notes (Overall):

Notes

- 40G QSFP+ Conformance: SFF-8436, IEEE 802.3ba-2010.
- 10G SFP+ Conformance: INF-8074i, SFF-8431, SFF-8432, SFF-8461, SFF-8472, EIA-364, EIA-364-1000, Telcordia GR-468, Telcordia GR-63.

Notes (Cont'd.)

- Cable Type: Plenum or LSZH.
- Supporting 0.5 to 20 M. Lengths and colors not shown into the Product Family Table are available upon special request.

Product Family:

Product List

Belden P/N	Description
AQ+S+40G001M	Active Optical Cable, QSFP+/4SFP+, LSZH Standard, Orange, 1.0 M
AQ+S+40G003M	Active Optical Cable, QSFP+/4SFP+, LSZH Standard, Orange, 3.0 M
AQ+S+40G005M	Active Optical Cable, QSFP+/4SFP+, LSZH Standard, Orange, 5.0 M
AQ+S+40G010M	Active Optical Cable, QSFP+/4SFP+, LSZH Standard, Orange, 10 M
AQ+S+40G015M	Active Optical Cable, QSFP+/4SFP+, LSZH Standard, Orange, 15 M
AQ+S+40G020M	Active Optical Cable, QSFP+/4SFP+, LSZH Standard, Orange, 20 M
AQ+S+40GxxxxLSZ	Active Optical Cable, QSFP+/4SFP+, LSZH Standard, Color, Length
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AQ+S+40G001MP50	Active Optical Cable, QSFP+/4SFP+, OFNP Standard, Orange, 1.0 M
AQ+S+40G003MP50	Active Optical Cable, QSFP+/4SFP+, OFNP Standard, Orange, 3.0 M
AQ+S+40G005MP50	Active Optical Cable, QSFP+/4SFP+, OFNP Standard, Orange, 5.0 M
AQ+S+40G010MP50	Active Optical Cable, QSFP+/4SFP+, OFNP Standard, Orange, 10.0 M
AQ+S+40G015MP50	Active Optical Cable, QSFP+/4SFP+, OFNP Standard, Orange, 15.0 M
AQ+S+40G020MP50	Active Optical Cable, QSFP+/4SFP+, OFNP Standard, Orange, 20.0 M
AQ+S+40GxxxxPSZ	Active Optical Cable, QSFP+/4SFP+, OFNP Standard, Color, Length

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