

DATASHEET 5.3

32G-IR-DXXX-BR

SFP28, 8/16/32G FC, DWDM 100GHz, DDM, 7dB, 10km, D200-D600 (41ch)

OVERVIEW

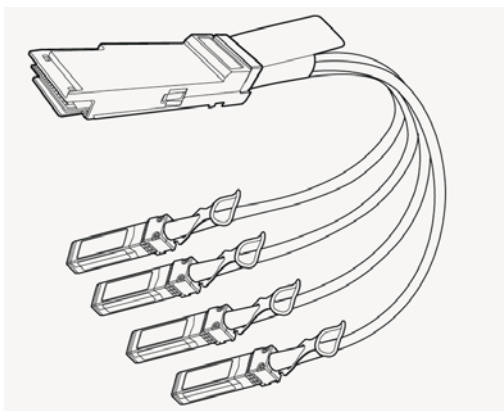
The SO-QSFP-4SFP-ACUxM is an active Direct Attach Cable (DAC) coax solution. A typical application for a SO-QSFP-4SFP-ACUxM break-out cables is between an QSFP port on a 40 Gbps switch and feed up to four upstream 10GbE-SFP+ enabled switches. Each QSFP-SFP+ splitter cable features a single QSFP connector (SFF-8436) rated for 40 Gbps on one end and 4x SFP+ connectors (SFF-8431), each rated for 10 Gbps, on the other.

The SO-QSFP-4SFP-ACUxM is provided in lengths from 3 to 10 meters (9.8 to 32.8 ft).

The thickness of the cable is defined by the AWG (American Wire Gauge) rating value. The SO-QSFP-4SFP-ACUxM uses AWG30 rated cables. Please see minimum bend radius requirements below.

¹⁾ @ 28.05 Gbps (32G FC)

²⁾ @ BER < 1E-6 using PRBS 2³¹-1



PRODUCT FEATURES

- QSFP (40G) to 4x SFP+ (10G) splitter cable
- 1x QSFP 40.0 Gbps rated connector (SFF-8436 compliant)
- 4x SFP+ 10.0 Gbps rated connectors (SFF-8431 compliant)
- Protocol agnostic support of 40GbE, QDR InfiniBand, SAS & Fiber Channel
- 3 to 10 meters (9.8 to 32.8 ft)
- The QSFP+ and SFP+ connector provides an MSA standard 2-wire serial communication interface to 256kB EEPROM memory maps.
- AWG 30 & AWG28 (cable thickness)
- Fully RoHS compliant for environmental protection

APPLICATIONS

- Data Center cabling infrastructure
- Storage Area Network (SAN)
- Network Attached Storage (NAS)
- Hub, switches, routers, servers

ORDERING INFORMATION

Part Number	Description	Note
SO-QSFP-4SFP-ACU3M	QSFP+ to 4xSFP+, Direct Attach Cable (DAC), AWG30, 3m, active	Type B
SO-QSFP-4SFP-ACU5M	QSFP+ to 4xSFP+, Direct Attach Cable (DAC), AWG30, 5m, active	Type A: Fan-out length: 1m
SO-QSFP-4SFP-ACU7M	QSFP+ to 4xSFP+, Direct Attach Cable (DAC), AWG30, 7m, active	Type A: Fan-out length: 1m
SO-QSFP-4SFP-ACU10M	QSFP+ to 4xSFP+, Direct Attach Cable (DAC), AWG28, 10m, active	Type A: Fan-out length: 1m

MECHANICAL DRAWING

