

# 1 Meter 100G QSFP28 Direct Attach Cable

MODEL: SM9220-1M

## Features

- 100 Gbps data transmission
- QSFP28 connector on both sides
- 1 m transmission distance
- Wide operating temperature
- Hot Swappable

SM9220-1M is a passive Direct Attach Cable. With a passive Twinax cable assembly of 1 meter and two QSFP28 connectors on each side, SM9220-1M is suitable for short distances transmission of extreme-high speed data (100 Gbps) and offers a cost-effective way to connect within racks and across adjacent racks.



## Specifications

Standards	IEEE 802.3, IEEE 802.3ba, IEEE 802.3bj, SFF-8636, SFF-8679, SFF-8663
Product Dimensions	<ul style="list-style-type: none"><li>• Plug: 2.85*0.72*0.53 in (72.45*18.35*13.50 mm);</li><li>• Overall length: 39.37 in (1,000 mm)</li></ul>
Cable Length	1 m
Connector Type	QSFP28 to QSFP28
Wire Gauge	30AWG
Voltage	3.3 V
Jacket Material	PVC (OFNR)
Cable Type	Passive Twinax
Minimum Bend Radius	33 mm
Supported Data Rate	100 Gbps/40 Gbps
Environment	<ul style="list-style-type: none"><li>• Operating Temperature: 0–70 °C (32–158 °F)</li><li>• Storage Temperature: -40–85 °C (-40–185 °F)</li><li>• Operating Humidity: 10–90% RH non-condensing</li><li>• Storage Humidity: 5–90% RH non-condensing</li></ul>
Conductor	Silver Plated Copper
Hot Swappable	Yes