



1FT 30AWG SFP+/SFP+ 10G PASSIVE ETHERNET CABLE - LSZH

2312-06142-001 | [Quiktron](#)

FEATURES & BENEFITS

These cables are designed as a more cost-effective and lower power alternative to optical cable assemblies for short length interconnects between active network equipment in data center and enterprise networking applications. Our SFP+ cable assemblies are constructed using premium 30AWG, 100 Ohm cable and feature SFP+ SFF-8431 standards based connectors with quick release pull-latches. With a low smoke zero halogen (LSZH) jacket, these cables are designed to emit limited smoke and no halogen in environments where exposure to high heat sources is a possibility. These assemblies support up to 10G, meeting or exceeding current standards specifications.

- Low Smoke Zero Halogen (LSZH) jacket
- Assembled with premium 100Ohm 30AWG cable
- Support for 1x, 2x, 4x, and 8x Fibre Channel data rates
- Low power consumption and low crosstalk
- Compliant to SFP+ MSA

Electrical Characteristics

- Differential impedance - $100\pm5\Omega$ @ TDR
- Mutual capacitance - 14pF/ft nominal
- Time delay - 1.35ns/ft nominal, (4.3ns/m) nominal
- Time delay skew (within pairs) - 50ps/5.5m maximum
- Time delay skew (between pairs) - 350ps/5.5m maximum
- Attenuation - 8.4dB/5.5m maximum @ 1.25Ghz
- Conductor DC Resistance - 0.010Ω/ft maximum @ 20°C

Physical Characteristics

- Conductors (two pair) - 30AWG Solid, Silver plated copper
- Insulation - Foam polyolefin
- Pair drain wire - 30AWG Solid, Silver plated copper
- Pair shield - Aluminum/polyester tape, 125% coverage
- Overall cable shield - Aluminum/polyester tape, 125% coverage, Tin plated copper braid, 38AWG, 85% coverage
- Outer diameter - 4.45mm

Connector Specifications

- Connector type - SFF-8432
- Hood material - Die cast zinc, Nickel plated
- Contact plating - 30μ gold plated

SPECIFICATIONS

GENERAL INFO

Color: Black

Type: Passive Ethernet Cables - LSZH