

Serial Attached SCSI (SAS) LOW SKEW



UL Style: 21578*
 UL Voltage Rating: 150V
 UL Temp: 80 deg C

UL Style: 21168**
 UL Voltage Rating: 30V
 UL Temp: 80 deg C

Return to TOC

100 ohm Ground - Signal - Signal - Ground G-S-S-G construction.

Low Skew Performance.

UL Approved.

Ribbon Construction for easy termination of multi-pair cable

APPLICATIONS Internal wiring for SAS storage applications.

RoHS and REACH Compliant

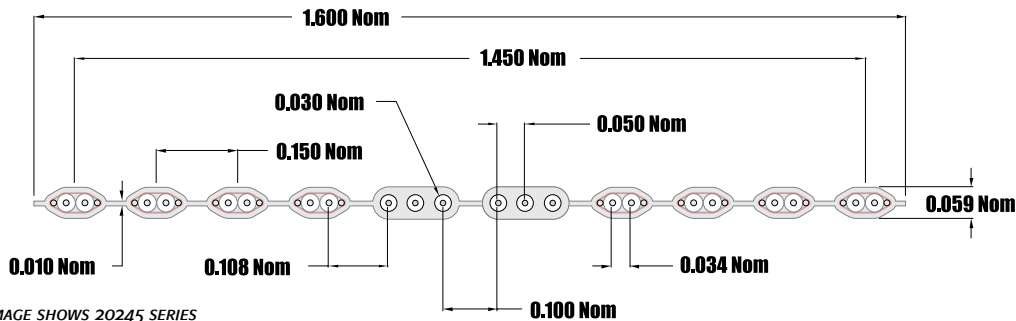


IMAGE SHOWS 20245 SERIES



PHYSICAL CONSTRUCTION DESCRIPTION 40793 Construction: Two 30 AWG solid tinned plated conductors are extruded in flame retardant polyolefin to 0.0315 inch (0.800 mm) diameter. Two conductors are pulled parallel with two 30 AWG solid tinned copper drain wires and taped with a heat sealed Aluminum/PET foil, aluminum side in. An overall PET tape is also applied to ensure shield isolation. Numbering available on single pair for identification. 20245-22 construction is 8 pairs plus 6 x 30 AWG conductors sideband.

Color code for 20245-22: pair 1 = blue, pairs 2-4 = white, pair 5 = blue, pairs 6-8 = white. 6 discrete wires: brown, red, orange, yellow, green and blue. Color code for 40793 is white, white (polarity is based on surface print direction).

| Part Number Put-Up | # of Pairs (# of Conductors) | Conductor AWG Type | In-Pair Skew (ps/m) Time Delay (ns/m) | Attenuation (dB/m) @ 4.5 GHz | Impedance Nom. | Width "W" Thickness "T" Span "S" inches (mm) |
|--|------------------------------|--------------------|---------------------------------------|------------------------------|----------------|--|
| 40793-2-S-01000* 1000 feet (304.8 m) | 1 (2) | 30 (1/30) TC | 8 5.2 | 4.9 | 100 | .089 (2.260) .037 (0.939) N/A |
| 20245-22-S-00200** 200 feet (60.96 m) | 8 (22) | 30 (1/30) TC | 12 5.2 | 5.2 | 100 | 1.600 (40.64) .059 (1.498) 1.450 (36.83) |

