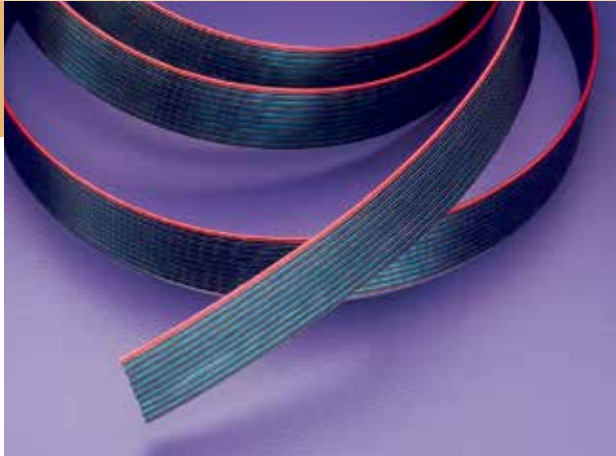


Ribbon X (38 & 40 AWG Ribbon Coax)

6

Return to TOC



UL Style: 21168
 UL Voltage Rating: 30V
 UL Temp: 80°C

This ribbonized coax features Hitachi's top quality MCX™.

Coax is fully extruded to eliminate the need for laminating. UL Approved and printed on cable.

Common ground termination is simplified with parallel ribbon design.

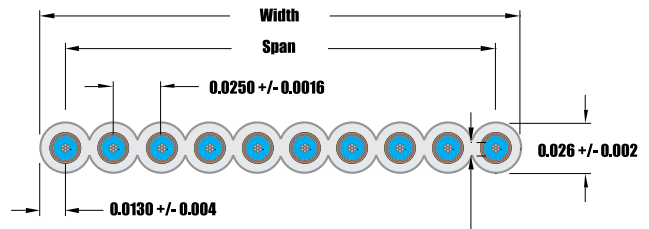
Excellent mechanical strength and flex life characteristics.

APPLICATIONS: Parallel processing, high speed interconnect, CPU management and board to board interface.

RoHS and REACH Compliant

Overall Product Specifications

Pitch: 0.025 inches (0.635 mm).
 Pitch Tolerance: ± 0.002 inches (±0.050mm)
 Coax Sheath Color see Note 1 Below
 Coax Sheath Material: PET
 Ribbon Jacket: Lead-Free PVC
 Impedance @ TDR (ohms): 50
 Conductor Coating: SPC Alloy



PHYSICAL CONSTRUCTION DESCRIPTION Basic construction of Ribbon X cable uses 50 ohm MCX coaxial cable built from a silver plated alloy conductor insulated with high temperature insulation. The shield is a 48 AWG tinned copper spiral serve with a copper metalized tape over it. The colored PET tape is applied over the individual coax and a clear PVC jacket is applied over all of the coaxials to form the ribbon construction.

Part Number Put-Up	# of Conductors	Conductor AWG Stranding/ Coating Insulation	MCX Dielectric Diameter inches (cm)	Shield Design	MCX Diameter inches/cm	Conductor Resistance ohms/ft (ohms/m) @20 deg C	Capacitance pF/ft (pF/m)	Width "W" Span "S" inches (mm)
20037-19-P-00200* 200 feet (60.96 m)	19	38 7/46 Silver Plated Alloy FEP	0.013 (0.34)	48 AWG TC Spiral Shield + Cu metal tape	0.017 (.044)	0.615 (2.019)	29 (95)	0.476±0.005 (12.105±0.127) 0.450±0.005 (11.430±0.127)
20037-20-P-00200* 200 feet (60.96 m)	20	38 7/46 Silver Plated Alloy FEP	0.013 (0.34)	48 AWG TC Spiral Shield + Cu metal tape	0.017 (.044)	0.615 (2.019)	29 (95)	0.501±0.005 (12.740±0.127) 0.475±0.005 (12.065±0.127)
20113-19-P-00200* 200 feet (60.96 m)	19	40 7/48 Silver Plated Alloy PFA	0.009 (0.25)	48 AWG TC Spiral Shield + Cu metal tape	0.013 (.034)	1.125 (3.693)	30 (100)	0.475±0.008 (12.065±0.203) 0.450±0.006 (11.430±0.152)
20113-20-P-00200* 200 feet (60.96 m)	20	40 7/48 Silver Plated Alloy PFA	0.013 (0.34)	48 AWG TC Spiral Shield + Cu metal tape	0.013 (.034)	1.125 (3.693)	30 (100)	0.500±0.008 (12.700±0.203) 0.475±0.006 (12.065±0.152)
20227-19-P-00200 200 feet (60.96 m)	19	38 7/46 Silver Plated Alloy FEP	0.013 (0.34)	48 AWG SPC Spiral Shield + Cu metal tape	0.017 (.044)	0.615 (2.019)	29 (95)	0.477±0.005 (12.115±0.127) 0.450±0.005 (11.430±0.127)
20227-20-P-00200 200 feet (60.96 m)	20	38 7/46 Silver Plated Alloy FEP	0.013 (0.34)	48 AWG SPC Spiral Shield + Cu metal tape	0.017 (.044)	0.615 (2.019)	29 (95)	0.501±0.005 (12.740±0.127) 0.475±0.005 (12.065±0.127)

Note 1: For 38 AWG color sequence - blue, black repeated with Red MCX for polarity. For 40 AWG - blue, green repeated with yellow MCX for polarity.

Note 2: Other conductor counts available upon request. 20037-10, -25, -30 / 20227-10, -25, -30 available as standard designs.

* Made to Order Only / Non-Stock

ALL DATA IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE.

