

Ribbon X

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



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

Coax is fully extruded to eliminate the need for laminating.

Common grounds are simplified with parallel ribbon design.

Excellent mechanical strength and flex life characteristics.

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

<90ppm <5ppm <5ppm <5ppm <1000ppm

Pb Cd Cr+6 Hg PBDE's/PPB's



Physical Construction Description: Basic construction of the 20227 uses a 38AWG, 50 Ohm Coax Conductor. An FEP insulation is then applied, followed by a 48AWG silver spiral shield for ease of solderability. The final jacket consists of two layers of PET tape. One with a copper metalized tape, and a second with colored PET tape. All MCX™ coaxial cables are extruded together with a clear PVC jacket to form the final ribbonized cable.

Series No.	Inner Conductor		Dielectric		Shield AWG Braid	Ribbonized MCX Sheath			Cap pf/ft (pf/m)	Imp @ TDR (Ohms)
	AWG	Coating	Material	Dia. In (mm)		Material	MCX Dia In (mm)	Color		
20227	38 (7/46)	SPC	PFA	0.013 (0.34)	48AWG Silver CU met. tape	PET	0.017 (0.44)	Blue Black	29 (95)	50

Part No.	No. of Coax	Insulation	Width(nom)	Span (nom)	Pitch
20227-10-P-00200	10	PFA/PET/PVC	0.251 in.	0.225 in.	0.025 in.
20227-19-P-00200	19	PFA/PET/PVC	0.477 in.	0.450 in.	0.025 in.
20227-20-P-00200	20	PFA/PET/PVC	0.5016 in.	0.475 in.	0.025 in.
20227-25-P-00200	25	PFA/PET/PVC	0.626 in.	0.600 in.	0.025 in.
20227-30-P-00200	30	PFA/PET/PVC	0.752 in.	0.725 in.	0.025 in.

Notes: Color code is blue & black, repeated with a red MCX™ for polarity. All data is for reference only and is subject to change.

