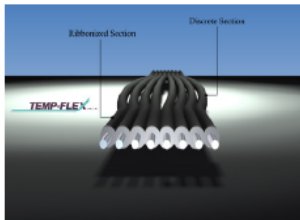


# High Performance Ribbon Cable

## High Speed Cable

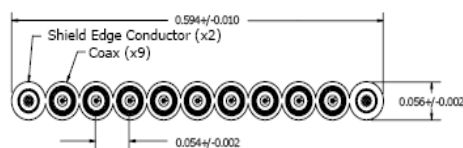
### PRODUCT DESCRIPTION



High Speed Data Cables are "ribbonized" into a flat cable format. Tight dimensional cable tolerances are controlled to meet specific electrical properties, and to ease the termination. Combinations of coax, twinax, twisted pairs, and etc. are combined into one completed cable per customer specifications. "Skip bonded" constructions are also available.

- Cost Effective Mass Termination
- High Density
- Organized Ribbon Cable Package

### SPECIFICATIONS



75HCX08-11-054-7 shown as a sample

High Speed Ribbonized Cable					
Impedance	Conductor	Conductor Type	Shield Type	Jacket Material	Product
50Ω	32 AWG to 24 AWG	Solid or Stranded	Serve or Braid	THV or Polyurethane, PVC	50HCX62-13S-0385-9
75Ω	34 AWG to 20 AWG				50HCX62-25-0385-5
					75HCX08-11-054-7

75HCX08-11-054-7			
Parameters	Units		
<b>Conductor Details</b>			
Conductor Type	34 AWG, 7/42 silver plated copper		
Filament	PFA	0.005"	
Core Tube	FEP	0.007"	
Served Shield	1 <sup>st</sup> layer: 36 Ends @ 42 AWG silver plated copper	2 <sup>nd</sup> layer: 40 Ends @ 42 AWG silver plated copper	
<b>Electrical Specifications</b>			
Impedance	Ω	75 ± 2	
Propagation Delay	ns/ft	1.200 ± 0.008	

Highlighted Capability  
 "Skip Bonded" Flat Cables with bonded and unbonded sections for flexibility and ease of termination.



Temp-Flex designs and manufactures specialty insulated wire & cable for the medical, industrial, military & aerospace markets. We can custom design and manufacture your medical wire, coil, twisted pair, high speed coaxial cable, flexible microwave cable, flat ribbon cable, IDC cable, multi-flex cable, matched impedance cable, low inductance power transmission cable and a variety of other wire and cable constructions.