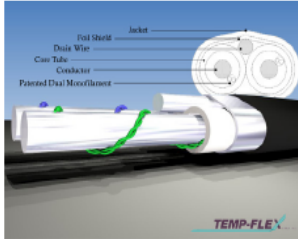


# Twinax

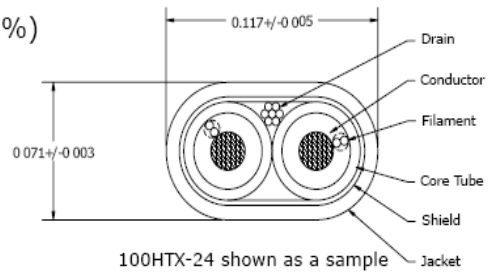
# High Speed Data Cable

## PRODUCT DESCRIPTION



Patented dual monofilament technology is proven to enhance performance at high frequencies. Consistent mechanical tolerances yield extremely consistent electrical performance.

- Dual Monofilament Technology
- High RF Bandwidth Cable
- Low Dielectric Constant
- Low Capacitance
- High Velocity of Propagation (>85%)
- Inside Minimum Bend Radius - 5X Cable Diameter



## SPECIFICATIONS

Twinax High Speed Data Cable					
Typical Impedance	Conductor	Conductor Type	Shield Type	Jacket Material	Product
100Ω	30 AWG to 24 AWG	Solid or Stranded	Foil and Drain or Braid	FEP or THV	100HTX-10 100HTX-24

Twinax 100HTX-24 24 AWG			
Parameters	Units		
<b>Conductor Details</b>			
Conductor Type	24 AWG, Solid silver plated copper		
Insulation	FEP		
Drain Wire	28 AWG, stranded silver plated copper		
Color	Black		
<b>Electrical Specifications</b>			
Impedance	Ω	100 ± 7	
Capacitance	pF/ft	11.4	
Inductance	μH	0.07	
Propagation Delay	ns/ft	1.14	

UL Style 10186, 105C, 30V, VW-1



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.

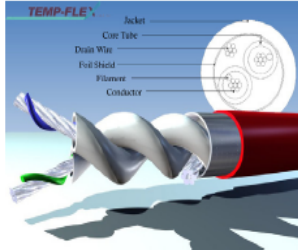
RF Cable

RF Cable

# Twisted Pairs

# High Speed Data Cable

## PRODUCT DESCRIPTION



Wires 34 AWG and larger are insulated with high performance insulation materials and manufactured into twisted pairs using precise tension controls for consistent lay lengths.

- High RF Bandwidth Cable
- Stable Electrical Performance
- High Velocity of Propagation (>85%)
- Consistent Electrical Performance
- Inside Minimum Bend Radius - 5X Cable Diameter
- Low Dielectric Constant Insulation
- Low Capacitance Twisted Pairs

## SPECIFICATIONS

Twisted Pairs High Speed Data Cable				
Typical Impedance	Conductor Type	Shield Type	Jacket Material	Product
100Ω	Solid	Served	Polyurethane	
	Stranded	Braid	FEP	100HSP-03
		Foil		

RF Cable



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