



# GORE™ IDC Ribbon Cable

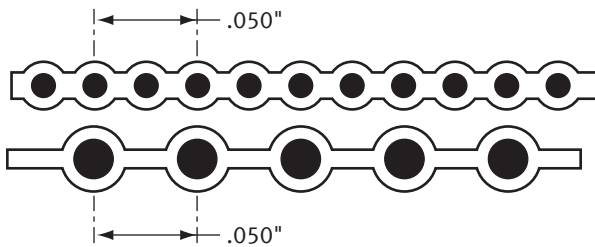
*High Density  
Insulated  
GTS025-XXXX-X-XX*

## For Smaller Spaces

The GTS series of GORE™ IDC Ribbon Cables provide space savings for applications demanding minimal space. The GTS cable series is .025" high density PTFE-insulated ribbon cable that is RoHS compliant, vacuum compatible, and resistant to aging. These double density cables can solve a .050" pitch assembly crosstalk problem by adding a ground between each conductor in the same amount of space.

These cables are often used in applications where space is at a premium such as board-to-board interconnects, avionics, mini- and micro-computers and peripherals.

### 50% SPACE SAVINGS



### ORDERING INFORMATION

**GTS025 - XXXX - X - XX**

- Number of Conductors
- Conductor Plating (S=Silver, N=Nickel, U=Unplated)
- Stranding (01=Solid, 07=Stranded)
- AWG (32 or 30)
- Specification

Standard cable color shall be red/gray. Other colors available upon request.



### KEY FEATURES

- .025" pitch
- 30 AWG or 32 AWG conductors
- Conductor Plating: Silver, Nickel, or Unplated
- PTFE-insulated ribbon cable
- RoHS compliant (2002/95/EC)

### KEY BENEFITS

- Space savings
- Optional signal density
- Vacuum compatible
- Resistant to aging



# GORE™ IDC Ribbon Cable

## ELECTRICAL PROPERTIES

Property	Unit	32 AWG	30 AWG
Voltage Rating	RMS	300	300
Dielectric Withstand Voltage	RMS	1500	1500
Insulation Resistance	MΩ*km	500	500
<b>Characteristic Impedance</b>			
Ground, Signal, Ground	Ω	120	85
<b>Capacitance</b>			
Ground, Signal, Ground	pf/ft	11.73	15.47
Time Delay	ns/ft	1.1	1.2
Velocity of Propagation	as % of air	92	85
Effective Dielectric Constant	ε	1.42	1.42

## MECHANICAL PROPERTIES

Property	32 AWG	30 AWG
<b>Temperature Range</b>		
Nickel-Plated Conductors	-65°C to +260°C	-65°C to +260°C
Silver-Plated Conductors	-65°C to +200°C	-65°C to +200°C
Unplated Conductors	-65°C to +150°C	-65°C to +150°C

## W. L. Gore & Associates, Inc.

GORE and designs are trademarks of W. L. Gore & Associates, Inc. ©2008 W. L. Gore & Associates, Inc. JK070308-34 Rev. 3-13-08 PLEI023

**North America**  
1 (800) 445-GORE (4673)

**Europe**  
+49 9144 6010  
+44 1382 561511

**International**  
1 (302) 292-5100

**China: Beijing**  
+86 10 6510 2980

**China: Shanghai**  
+86 21 6247 1999

**China: Shenzhen**  
+86 755 8359 8262

**gore.com**

More international phone numbers can be found at [gore.com/phone](http://gore.com/phone)

**Japan**  
+81 3 3570 8712

**Korea**  
+82 2 393-3411

**Taiwan**  
+886 2 8771 7799

**Singapore**  
+65 6 733 2882

