



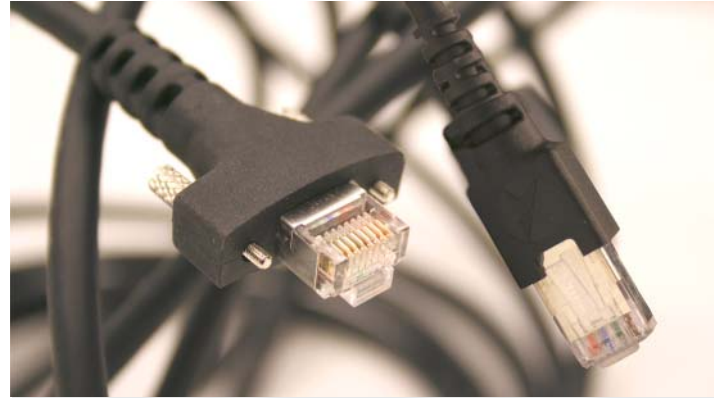
GORE™ Ethernet High Flex

ROUND CABLE AND ASSEMBLIES

Reliable Flex Life Performance

GORE™ Ethernet High Flex Round Cables provide motion control and vision systems with reliable, high performance flex life and signal transmission requirements for Gig E and data applications. These assemblies should be used to avoid bit errors at gigabit per second data rates in moving Ethernet systems. GORE™ Ethernet High Flex Cables provide peace of mind when reliable system performance and equipment uptime are critical.

GORE™ Ethernet High Flex Round Cables have been tested beyond 20 million cycles in rolling flex motions on bend radius of 50 mm. In addition, these cables showed a stable signal transmission during flex. GORE™ Ethernet High Flex Round Cables are specifically designed to meet the demands associated with motion control and vision systems.



KEY FEATURES

- Cables can be customized
- Low particulation PVC jacket

KEY BENEFITS

- Prevents lost data/data integrity problems
- Longer flex life (beyond 20 million flex cycles)
- Prevents system downtime

TECHNICAL SPECIFICATIONS

Characteristic	CAT 5e/100 m Standard
Delay/Skew	538 ns/45 ns
Characteristic Impedance	100 ohms ±10%
Crosstalk ELFEXT (min. at 100 MHz)	23.8 dB
Attenuation (max. at 100 MHz)	26.4 dB
Attenuation (max. 1000 MHz)	130 dB

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