

SAMPLES FOR PROTOTYPING & EVALUATION

Complimentary samples of Gore's pre-qualified solutions are available with short lead times and can be shipped within 2 business days (48 hours) from the date of the request. All samples are shipped by our authorized global distributors, Air Cost Control (Europe) and WireMasters (US).

Aircraft OEMs can now validate and support low-rate production using Gore's standard products in their specific applications with lower technical and business risks to their programs.

Fill out a short online form and receive your complimentary sample or contact a Gore representative today regarding available materials for your sample, prototype, and small production requirements.

Reduce Costs with Pre-Qualified Solutions

Gore's portfolio of high-speed copper and fiber optic cables in compact, routable designs supports the latest open-source architectures and standardized protocols such as Ethernet, USB, CAN Bus, IEEE 1394 FireWire, Fibre Channel, HDMI, and more.

All of our solutions have undergone substantial qualification testing to ensure they meet the most stringent industry standards, and customer requirements.

For example, our Ethernet cables exceed Cat6a protocol requirements and are approved to the new SAE AS6070™ standard that supports AS50881 EWIS (electrical wiring interconnection systems) specification. This award-winning version is also on the Qualified Parts List (QPL).

The award-winning 1.8 mm Simplex of our fiber optic cables with enhanced crush protection exceeds ARINC-803 industry standards. This version also exceeds new stringent EN3745-513 and JN1177 requirements intended for larger, more rugged designs in 10+ up to 100 Gb/s avionics reworks.

gore.com/hdrcablesample

+1 800 626 7708

Together, improving life



Aircraft OEM Benefits

- Short lead times for samples, prototype, small production quantities
- Validate and support low-rate production in applications
- Lower technical and business risks to programs
- Reduce costs with pre-qualified solutions proven in real-world conditions
- Smaller designs, reduced weight, lifelong performance in avionics

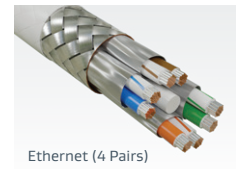


GORE® Aerospace High Speed Data Cables

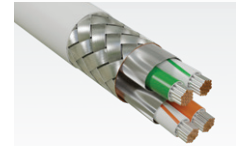
For Civil & Defense

Gore's Standard Copper Cables

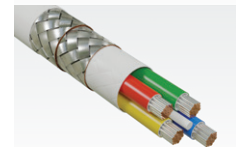
Cable Type/ Protocol	Construction	Standard Impedance (Ohms)	Gore Part Number
Ethernet (Cat5e/6/6a)	4 Pairs (24 AWG)	100	RCN9034-24
	4 Pairs (26 AWG)	100	RCN9047-26
	4 Pairs (28 AWG)	100	RCN9034-28
	4 Pairs (24 AWG)	100	RCN8966-24
	4 Pairs (26 AWG)	100	RCN8966-26
Ethernet (Cat5e)	2 Pairs (26 AWG)	100	RCN9133-26
Ethernet (Cat5e)	Quadrax (24 AWG)	100	GSC-03-84608-00
	Quadrax (26 AWG)	100	GSC-03-84820-00
Quadrax (Speciality)	Quadrax (24 AWG)	100	RCN8752
	Quadrax (26 AWG)	100	RCN8982
	Quadrax (28 AWG)	100	RCN8973
FireWire® (IEEE 1394b)	Quadrax (22 AWG)	110	RCN8645
	Quadrax (24 AWG)	110	RCN8647
	Quadrax (26 AWG)	110	RCN8652
Fibre Channel	Quadrax (26 AWG)	150	RCN8328
Shielded Twisted Pair	Single Pair (20 AWG)	100	DXN2600
	Single Pair (22 AWG)	100	DXN2601
	Single Pair (24 AWG)	100	DXN2602
	Single Pair (26 AWG)	100	DXN2603
	Single Pair (28 AWG)	100	DXN2604
	Single Pair (30 AWG)	100	DXN2605
	Single Pair (32 AWG)	100	DXN2606
CAN Bus	Single Pair (24 AWG)	120	GSC-03-85752-24D
USB (2.0)	Data/Power (22 AWG)	90	RCN8800-22D-22P-H
	Data (24 AWG) Power (22 AWG)	90	RCN8800-24D-22P-H
	Data (26 AWG) Power (24 AWG)	90	RCN8800-26D-24P-H
USB (3.1)	Data (26 AWG) Power (24 AWG)	90	GSC-03-84761-24D
HDMI (2.0)	Hybrid	100	RCN9121



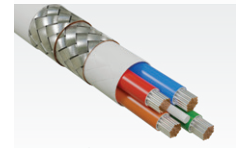
Ethernet (4 Pairs)



Ethernet (2 Pairs)



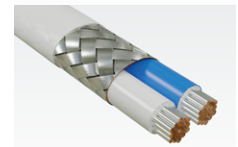
Quadrax (Speciality)



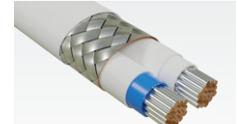
FireWire® (IEEE 1394b)



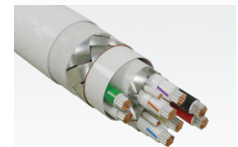
Fibre Channel



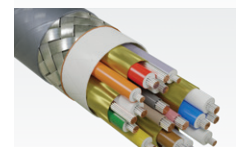
Shielded Twisted Pair



CAN Bus



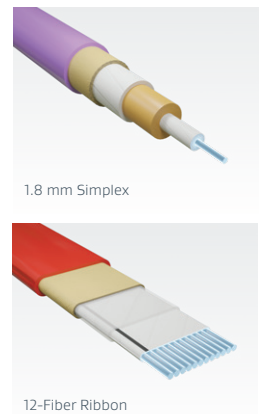
USB



HDMI

Gore's Standard Fiber Optic Cables

Cable Type / Protocol	Construction	Core/Cladding/Coating	Gore Part Number
Simplex	1.8 mm, OM1	62.5/125/245	GSC-13-84640-07
	1.8 mm, OM2	50/125/245	GSC-13-84639-07
	1.8 mm, OM3	50/125/245	GSC-13-84943-07
	1.8 mm, OM3	50/125/245	GSC-13-84943-17*
	1.8 mm, OM4	50/125/245	GSC-13-85423-07
Simplex	1.2 mm, OM2	50/125/250	FON1307
Simplex	900 micron, OM1	62.5/125/245	GSC-13-85067-00
Ribbon	12 fiber, OM2	50/125/245	FON1214/4/12
	12 fiber, OM3	50/125/245	FON1256/4/12



*Cable jacket material includes JN1177 marking.



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NOTICE — USE RESTRICTIONS APPLY. Not for use in food, drug, cosmetic or medical device manufacturing, processing, or packaging operations.

FireWire is a registered trademark of Apple, Inc., in the U.S. and other countries.

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