

SAMPLES FOR PROTOTYPING & EVALUATION

Complimentary samples of Gore's pre-qualified solutions for prototyping and evaluation are available with short lead times based on in-stock availability. All samples are shipped by our authorized global distributors, WireMasters (US) and A.E. Petsche Co./Pansystem or Air Cost Control (Europe).

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 samples. Alternatively, contact a Gore representative today at gore.com/aerospace-defense-contact regarding available materials for your sample, prototype, and small production requirements.

Reduce Costs with Pre-Qualified Solutions

Gore's portfolio of high-speed copper, fiber optic, and hybrid solutions in compact, routable designs support the latest standardized protocols such as Ethernet, CAN Bus, FireWire®, USB, HDMI, Fibre Channel, and more.

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

For example, our award-winning Ethernet cables exceed Cat6A protocol requirements and are approved to SAE AS5670™ and VG95218-31 standards, as well as on the Qualified Parts List (QPL).

The award-winning 1.8 mm Simplex version of our fiber optic cables with enhanced crust protection exceeds ARINC-803 industry standards and meets STANAG 4754 vehicle architecture standards. This version also exceeds EN3745-513 and JN1177 requirements intended for larger, more rugged designs on 10 up to 100+ Gb/s networks.



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 and vectronics

gore.com/hsdc-sample-form-air-defense

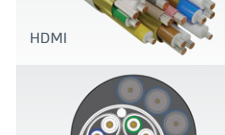
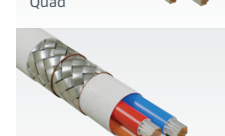
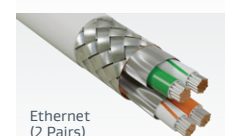
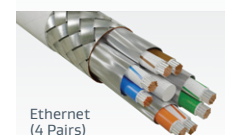
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GORE® High Speed Data Cables

For Aerospace & Defense

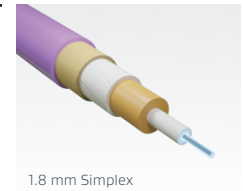
Gore's Standard Copper Cables

Cable Type/Protocol	Construction	Standard Impedance Ohms	Gore Part Number
Shielded Twisted Pair	Single Pair (20 AWG)	100	DXN2600
	Single Pair (22 AWG)	100	GSC-03-85203-VG
	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-03-84793-VG
	Single Pair (24 AWG)	120	GSC-03-85752-24D
	Single Pair (26 AWG)	120	GSC-03-85752-26D
Ethernet (Cat8)	4 Pairs (24 AWG)	100	RCN9235-24
	4 Pairs (26 AWG)	100	RCN9235-26
Ethernet (Cat5e/6A)	4 Pairs (24 AWG)	100	GSC-01-85237-VG
	4 Pairs (24 AWG) ^a	100	RCN8966-24
	4 Pairs (24 AWG)	100	RCN9034-24
	4 Pairs (26 AWG) ^a	100	RCN8966-26
	4 Pairs (26 AWG)	100	RCN9047-26
	4 Pairs (28 AWG)	100	RCN9034-28
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
Quad	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
USB (2.0)	Data/Power (22 AWG)	90	RCN8800-22D-22P-H
	Data (24 AWG)	90	RCN8800-24D-22P-H
	Power (22 AWG)	90	RCN8800-24D-22P-H
	Data (26 AWG)	90	RCN8800-26D-24P-H
USB (3.0)	Data (26 AWG)	90	GSC-01-85201-VG
	Power (22 AWG)	90	GSC-01-85201-VG
USB (3.1)	Data (26 AWG)	90	GSC-03-84761-24D
	Power (24 AWG)	90	GSC-03-84761-24D
HDMI (2.0)	Hybrid	100	RCN9121
DVI (Digital Only)	4 Pairs (24 AWG)	100	GSC-01-85249-24S



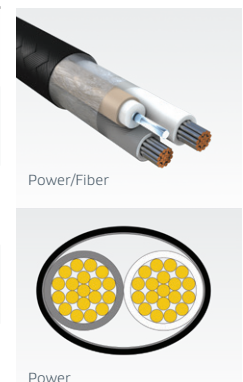
Gore's Standard Fiber Optic Cables

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, 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



Gore's Standard Tethered Drone Cables

Cable Type/ Protocol	Construction	Operating Voltage Vrms	Core/ Cladding/ Coating	Gore Part Number
Power Pair	Single Pair (20 AWG)	600	—	RCN9188
Power Pair	Single Pair (24 AWG)	600	—	RCN9190
Hybrid	Power Pair: 16 AWG Fiber: 900 micron	—	8/125/245	RCN9164
Hybrid	Power Pair: 20 AWG Fiber: 900 micron	—	8/125/245	RCN9166
Hybrid	Power Pair: 24 AWG Fiber: 900 micron	—	8/125/245	RCN9168



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