



WEIGH THE DIFFERENCE: LIGHTEST CABLE DESIGNS. SAME PERFORMANCE.

GORE® High Speed Data Cables for Ultralight Solutions are the next generation of lightweight designs, re-engineered to meet the challenge of expensive weight reduction with no compromises. They are up to 60% lighter than leading alternatives and up to 27% lighter than our existing versions (Tables 1-3).

These lightest-in-class cables offer significant weight savings while delivering the same high-density construction, mechanical reliability, excellent signal integrity, and high-speed performance the industry has trusted for decades.

Contact a Gore representative today to receive a complimentary sample (subject to availability) for prototyping and evaluation in your application.



NEW Benefits

- Up to 60% lighter than most leading alternatives
- Up to 27% lighter than Gore's existing versions
- Same trusted mechanical & electrical reliability
- Meet the most current industry standards
- Available in AWG sizes 24 & 26

Table 1: Ethernet Cables (Cat6A)

Cable Type (24 AWG)	Diameter mm (in)	MBR mm (in)	Weight Comparison		
			g/m (lb/100 ft)	kg/100 m	
Gore Ultralight Part Number: RCN9265-24	6.85 (0.26)	13.7 (0.54)	49.0 (3.40)	4.9	
Gore Standard Part Number: RCN8966-24	6.85 (0.26)	13.7 (0.54)	65.0 (4.40)	6.5	
Alternative Cable 1	6.60 (0.26)	19.5 (0.78)	65.0 (4.40)	6.5	
Alternative Cable 2	6.65 (0.28)	33.0 (1.40)	70.7 (4.71)	7.1	

Table 2: Shielded Twisted Pair Cables (100 Ohms)



Cable Type (24 AWG)	Diameter mm (in)	MBR mm (in)	Weight Comparison		
			g/m (lb/100 ft)	kg/100 m	
Gore Ultralight Part Number: DXN2656-24	3.30 (0.13)	16.2 (0.64)	12.8 (0.86)	1.3	
Gore Standard Part Number: DXN2602	3.30 (0.13)	16.2 (0.64)	17.6 (1.18)	1.8	
Alternative Cable 1	4.26 (0.17)	21.6 (0.85)	33.0 (2.20)	3.3	
Alternative Cable 2	4.06 (0.14)	22.9 (0.71)	31.2 (2.30)	3.1	

Table 3: CAN Bus Cables (100 Ohms)

Cable Type (24 AWG)	Diameter mm (in)	MBR mm (in)	Weight Comparison		
			g/m (lb/100 ft)	kg/100 m	
Gore Ultralight Part Number: DXN2657-24	4.20 (0.17)	21.0 (0.83)	17.5 (1.18)	1.8	
Gore Standard Part Number: GSC0385752-24D	4.20 (0.17)	21.0 (0.83)	23.0 (1.55)	2.4	
Alternative Cable 1	4.70 (0.18)	25.4 (1.00)	29.6 (1.98)	3.0	
Alternative Cable 2	3.60 (0.14)	19.3 (0.75)	26.0 (1.75)	2.6	

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