



» SALES SHEET

ECCOH™ DATA CENTER CABLE SOLUTIONS

Low Smoke and Fume, Non-Halogen Materials for Hyperscale Cable and Connectivity

Built for the next generation of U.S Data Centers

ECCOH™ Low Smoke Fume Non-Halogen (LSFOH) materials deliver low smoke and non-halogen performance engineered for high density, mission critical cable applications. Certified to both IEC and UL standards, these materials support compliance in U.S. and EU markets from a trusted source—helping you streamline qualification and serve a global customer base with confidence.

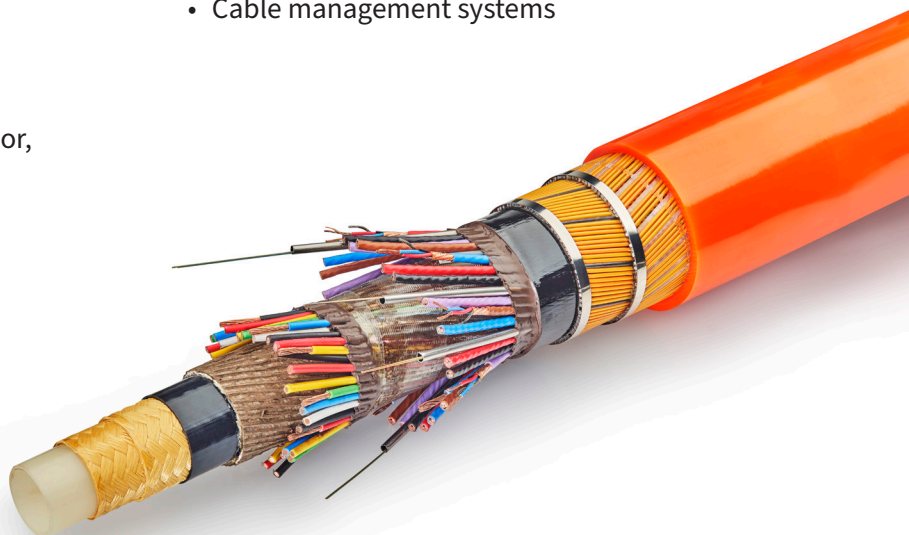
WHY ECCOH FORMULATIONS?

- Proven, qualified materials with an established track record in hyperscale data centers
- Pass UL cable specification 1666 and EU CPR standard EN 50575
- UL listed grades for plenum cable compounds under UL file number E521882
- Low smoke and fume emissions in fire conditions
- Reduced corrosiveness and toxicity
- UV stability across indoor, indoor-outdoor, aerial, direct-buried, and microduct applications

Wherever non-halogen fire safety requirements drive materials selection, ECCOH LSFOH offers a reliable, globally compliant answer.

APPLICATIONS

- Power cable insulation and jacketing
- Fiber optic jackets, ducts, and micromodules
- Copper data and signal cables
- Cable management systems





ECCOH LSFOH PORTFOLIO

ECCOH Grade	Cable Type	Cable Application	Certifications	Availability	Characteristics
ECCOH 5549/1 UV formulations	Data center cables	Jacket	UL 1666 CPR Classifications	Globally available – in stock	High flame retardancy
ECCOH 5797 formulations	Data center cables	Jacket	CPR Classifications	Globally available	High flame retardancy
ECCOH 615X formulations	Indoor distribution, backbone, riser, plenum, patch cords	Micromodules	CPR Classifications (in combination with jacket material)	Globally available	Processability— high line speeds and gel resistance
ECCOH 570X formulations	Indoor tight- buffered cables up to 144 fibers	Jacket & insulation	CPR Classifications IEC 60794 UL 1666	Globally available	Low coefficient of friction and high flame retardancy

NEXT STEPS

Incorporate ECCOH solutions in your next generation data center cable platform. Contact Avient for samples, processing guidance, and performance data.

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