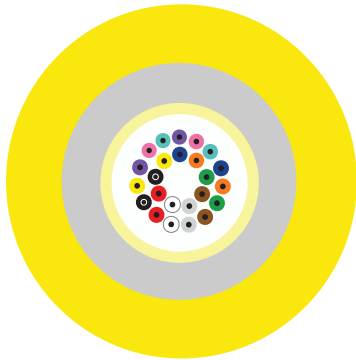


ADVENTUM™ RailSafe Central Dry Tube

APPLICATION

Leviton ADVENTUM™ Central Dry Tube (CDT) RailSafe cables offer up to 24 fibers in a compact, dry, water-blocked tube, and gel-free construction. CDT RailSafe cables are compliant with the European Construction Products Regulation, achieving EuroClass level Cca according to EN 13501-6. Leviton ADVENTUM™ CDT RailSafe cables are suited to indoor/outdoor installations in low-density underground rail networks, stations, tunnels, trackside, or where people safety in the case of fire is a high priority.



COUNTRY OF ORIGIN

UK

WARRANTY INFORMATION

For Leviton product warranties, go to [Leviton.com/ns/warranty](https://www.leviton.com/ns/warranty)

FEATURES & BENEFITS

- 2-24 fiber counts – color-coded according to TIA-598-D
- Bend insensitive fiber as standard – Single-Mode, OM3, OM4 and OM5 versions to suit a variety of applications
- Central dry tube cable construction – gel-free to improve fire performance, reduce termination time, and remove need for solvents
- Glass yarns – high-tensile yarns to offer strength and rodent protection
- Enhanced Halogen Free Flame-Retardant Low Smoke (HFFR-LS) sheath
- EuroClass Cca s1a d0 a1 meets the EuroClass requirements of LUL S-1085
- CE marked for CPR

STANDARDS & REGULATIONS

- ISO/IEC 11801
- BS EN 50173-1
- IEC 60794-1
- IEC 60794-2

PRODUCT SPECIFICATIONS
GFxxxRSCxxLUCcaxx

TECHNICAL SPECIFICATIONS

Construction

Type of cable	Central Dry Tube
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Usage Characteristics

Temp. (Storage):	-20 °C to +60 °C (-4 °F to +140 °F)
Temp. (Installation):	-10 °C to +60 °C (+14 °F to +140 °F)
Temp. (Operating):	-20 °C to +60 °C (-4 °F to +140 °F)

REACTION TO FIRE

Characteristic	IEC Standard	EN Standard	CPR Rating
Single Cable Flame Rating	IEC 60332-1-2	EN 13501-6	Pass
Bundled Cable Flame Rating	—	EN 50399	Pass
Cable Flame Rating	—	EN 50399	Cca
Smoke Emission	—	EN 50399	s1a
Flaming Droplets/Particles	—	EN 50399	d0
Acid Gas Emission	—	EN 50267-2-3	a1
Classification / EuroClass	—	EN 13501-6	Cca s1a d0 a1

TECHNICAL SPECIFICATIONS

Fiber Count	Max. Tensile Load (N)	Max. Crush (N)	Min. Static Bend Radius (mm)	Min. Dynamic Bend Radius (mm)	Nom. Tube Diameter (mm)	Nom. Cable Diameter (mm)	Nom. Cable Weight (kg/km)
2-12	450	1500	15x Cable Diameter	20x Cable Diameter	3.0	6.5	43
16-24					3.5	7.0	47

FIBER IDENTIFICATION

Fiber Identifier	108	208	OM3	OM4	OM5
IEC 60793 Reference	2-50-B6_a	2-50-B6_a	2-10-A1a.2	2-10-A1a.3	2-10-A1a-OM5
ITU-T Recommendation	G.657.A1	G.657.A2	G.651.1	G.651.1	G.651.1
ISO/IEC 11801 Category	OS2	OS2	OM3	OM4	OM5
Cable Color	Yellow	Yellow	Orange	Orange	Orange

PRODUCT SPECIFICATIONS
GFxxxRSCxxLUCcaxx



GFxxxRSCxxLUCcaxx

STANDARD PACKAGING SPECIFICATIONS - REELS						
Fiber Count	Reel Size (flange x width mm)		Gross Weight (kg/reel)		Reels per Pallet	
	2km	4km	2km	4km	2km	4km
2-12	915 x 470	1055 x 515	102	192	2	1
16-24			111	209		

PART NUMBER CONFIGURATOR

Sample Part Number: [GF](#) [OM4](#) [RSC](#) [24](#) [LU](#) - [Cca](#) [OR](#)

DESIGN	FIBER TYPE		CONSTRUCTION		FIBER COUNT	OUTER SHEATH		EUROCLASS	COLOR
GF	108	SM G657A1	RSC	RailSafe Cable	2	LU	HFFR-LS	Cca	YW = Yellow (Standard for Singlemode) OR = Orange (Standard for Multimode)
	OM3	MM OM3			4				
	OM4	MM OM4			6				
	OM5	MM OM5			8				
					10				
					12				
					16				
					24				

For further support information, visit Leviton.com/NS/Support

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