

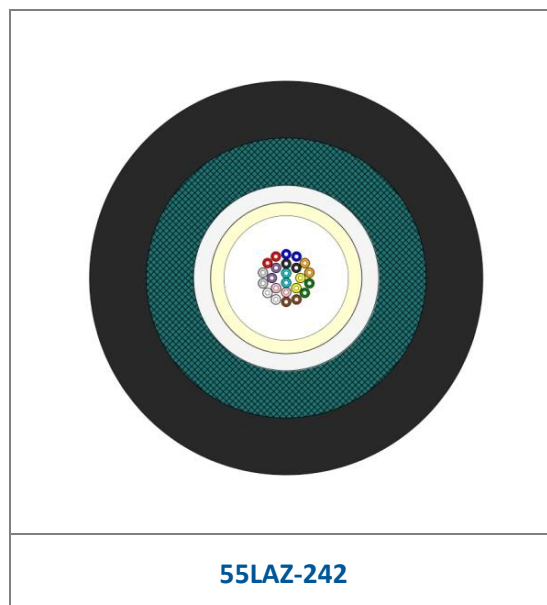
APPLICATION

The LAZ Steel Tape Armored Unitube Cable family offers up to 24 Fibers in a compact cable construction. The range has been designed to offer enhanced mechanical properties over the Duct Grade Unitube product range.

The LAZ Steel Tape Armored Unitube is suitable for direct burial applications and other campus backbone environments where the cable may be subject to mechanical crush and impact.

FEATURES AND BENEFITS

- 2-24 Fiber Counts - color coded according to TIA-598-C
- Customizable Fiber Selection - Single-Mode, Multi-Mode and hybrid versions to suit a variety of applications
- Single Gel-Filled Loose Tube – to block the ingress of water
- Glass Yarn Armoring - in the form of high tensile yarns to offer strength
- Corrugated Steel Tape Armor – for superior mechanical crush and impact resistance and optimum rodent protection
- Polyethylene jacket
- Included in the Leviton 25 Year System Warranties when used in conjunction with Leviton fiber connectivity. System warranties are available for qualified projects installed by certified contractors.



STANDARDS

Applicable Cable Standards: ISO/IEC 11801, IEC 60794
Test Standards: IEC 60794-1-21 and IEC 60794-1-22

FIBER IDENTIFICATION

Fiber Identifier	SM	50	5L	55
IEC 60793 Reference	2-50-B1.3	2-10-A1a.1	2-10-A1a.2	2-10-A1a.3
ITU-T Recommendation	G.652.D	G.651.1	G.651.1	G.651.1
ISO/IEC 11801 Category	OS2	OM2	OM3	OM4

MATERIAL IDENTIFICATION

Material Description	LLDPE
Flammability Rating	n/a - External Only
Smoke Emission	n/a - External Only
Acid Gas Emission	n/a - External Only
Color	Black

LAZ Optical Steel Tape Armored Unitube Cables

Datasheet: GD102849v2



PHYSICAL CHARACTERISTICS

Fiber Count	Nom. Tube Diameter (mm)	Nom. Cable Diameter (mm)	Nom. Cable Weight (kg/km)
2-24	4.0	10.4	107

MECHANICAL PERFORMANCE

Fiber Count	Max. Long Term Load (N)	Max. Short Term Load (N)	Min. Static Bend (mm)	Min. Dynamic Bend (mm)	Max. Crush (N)	Max. Impact (Nm)	Max. Torsion (Turns $\pm 180^\circ$)
2-24	300	1000	10 x Cable Diameter	15 x Cable Diameter	4000	20	5

TEMPERATURE PERFORMANCE

Fiber Count	Operational Temperature Range	Storage Temperature Range	Installation Temperature Range
2-24	-20°C to + 60°C	-20°C to + 60°C	-10°C to + 60°C

PACKAGING INFO

Fiber Count	Reel Size (flange x width mm)		Gross Weight (kg/reel)		Reels per Pallet	
	2km	4km	2km	4km	2km	4km
2-24	1200 x 690	1400 x 800	350	609	1	1

PART NUMBER CONFIGURATOR

a - LAZ - b - c

a = Fiber Identifier
e.g. "**SM**" for OS2 fiber

c = Length
e.g. "**2**" for 2km Spool

b = 2-digit fiber count
e.g. "**06**" for 6 fiber cable

Example part number: SMLAZ-062.

*"Leviton is **dedicated to designing, developing, and manufacturing sustainable high performance structured cabling and specialty cabling solutions.**"*

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