



Complete Solutions designed to help connect your world for a smarter, Suitable future



Product Code: **LUM412**

**Universal( Indoor - Outdoor ), 12 Fiber, Multi Mode, OM4,Central Loose Tube, Gel Filled, FR-LSZH outer Jacket**

**Product Description**

Universal, Fiber Optic Cable, Gel Filled Loose Tube, Water Swellable Dry Material, Higher Level of Rodent Protection (Glass Yarn), Flame Retardant Low-Smoke Zero Halogen, Non-corrosive, UV Stable,12 Fiber, Multi mode 12x G50/125 OM4, CPR Euroclass Dca

**Suitable Application**

Designed for data wiring systems in both indoor and outdoor settings, ideal for industrial backbone building, riser, and horizontal cabling. Suited for various networks including industrial, telecom, cable TV, and broadcast. Installation is hassle-free in, conduits, tubes, tunnels, ducts, and trenches

**Mechanical and Environmental properties**

Test	Value	Unit	Method
Cable outer diameter	5,8 ± 0,4	mm	EN 60811-203
Cable weight	37	kg/km	
Outer Jacket Thickness	0,85	mm	
Loose Tube Diameter	3,2	mm	
Max. Tensile Strength	1100	N	EN60794-1-21-E1
Crush Resistance Test	2000	N	EN60794-1-21-E3
Impact Resistance Test	10	NM	EN60794-1-21-E4
Min. Bend Radius (no load)	10	x OD	EN 60794-1-21-E11a
Min Bend Radius (load)	15	x OD	EN 60794-1-21-E11b
Moisture resistance test	pass		EN 60794-1-22-F5
<b>Temperature Range</b>	Installation	-15 to +50	°C
	Operation	-20 to +70	°C
	Storage	-20 to +70	°C
Fire Properties-Flammability	pass		EN 60332-3-22 (cat. A)
Fire Properties- Add Gases	pass		EN 60754-1
	pass		EN 60754-2
Fire Properties- Smoke Density	pass		EN 61034-1
	pass		EN 61034-2
Cable Life Time- minimum 30 years			
<b>Sheat Marketing</b>			
Print Colour	White		
Print Method	Ink-jet		
Print Legend	CHH CONEX , job number, type of cable, length, Made in Czech Republic marking @ 1 m intervals		

other print legends available on request

**Fiber Colour Coding**

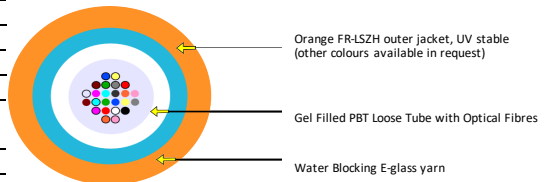
1 Red	7 Brown	13 Red*	19 Brown*
2 Nature	8 Black	14 Nature*	20 Black*
3 Yellow	9 Orange	15 Yellow*	21 Orange*
4 Blue	10 Turquoise	16 Blue*	22 Turquoise*
5 Green	11 Pink	17 Green*	23 Pink*
6 Violet	12 White	18 Violet*	24 White*

\* with block rings

Other colour sequences available on request

**Packing**

Depending on ordered put-up lengths



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