

## UC SP495 (Unitube with Steel Armour - Outdoor)

GIGAlite II UC 6xMM50

Nexans ref.: 10051723

Outdoor Cable (Standard Unitube with Corrugated Steel Armour)

### Description

#### Characteristics & Applications

This cable is designed for direct buried installation. Its metallic armour provides a high resistance to compression and an excellent rodent protection

The cable characteristics are the following:

- Tube filled with Jelly
- High rodent protection
- Metallic Armouring
- Capacity up to 24 fibres
- Waterproof structure
- Reinforced outersheath with UV resistance

Nexans fibre cable UC can include MM62.5, MM50 and SM G652 fibres.

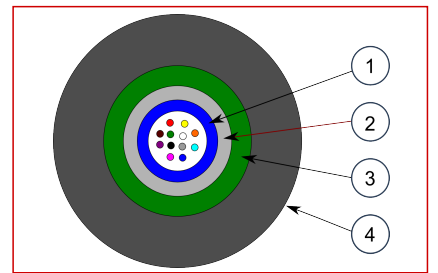
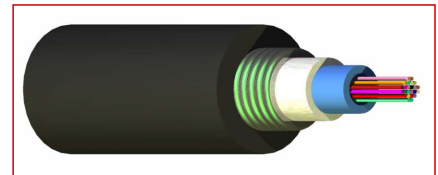
For MM we offer different grades of fibre to suit your application: GIGAlite, GIGAlite II, GIGAlite 3 (MM50 only) or GIGAlite 4 (MM50 only).

#### Installation

- Set cutter blade at 2.00 mm
- Cut at 1.5 m distance from the cable end
- Remove sheath and armour in one operation
- Cut glass yarns









#### Construction

1. Gel filled tube containing up to 24 individually coloured fibres
2. Glass yarns reinforcement
3. Corrugated steel tape armour
4. PE outer sheath



#### Standards

International EN 187000; IEC 60794

							
Halogen free Yes	Admissible traction load max. 130 daN	Ambient installation T°C range 0 .. 40 °C	Operating temp. range -20 .. 60 °C	Flame retardant No	Storage temperature, range -30 .. 60 °C	operation bending rad. 170 mm	static bending rad. 120 mm

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





### Characteristics

Construction characteristics	
Armour type	Corrugated steel
Outer sheath	PE
Fiber optic type	MultiMode 50/125
Type of cable	Loose tube
Halogen free	Yes
Dimensional characteristics	
Number of optical fibres	6
Number of tubes	1
Nominal outer diameter	8.5 mm
Approximate weight	75 kg/km
Transmission characteristics	
Optical performance	GIGAlite II
Mechanical characteristics	
Maximum admissible traction load	130 daN
Maximum tensile load during service	70.0 daN
Crush resistance (IEC 60794-1-E3)	300 N/cm
Usage characteristics	
Installation type	Outdoor - Direct burial
Ambient installation temperature, range	0 .. 40 °C
Operating temperature, range	-20 .. 60 °C
Flame retardant	No
Storage temperature, range	-30 .. 60 °C
Laying operation bending radius	170 mm
Minimum static operating bending radius	120 mm

### Fiber Colour Table

This document describes the color coding of the different fibers. Rings are added for fiber count over 12.

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

							
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**GIGAlite II UC 6xMM50**

### Selling information

#### Standard Marking

NNNNN - UC - FIBRE OPTIC CABLE - XXX\*YY - FB - TN - metric









NNNNN = Nexans (For GIGAlite) or GIGAlite II or GIGAlite 3 or GIGAlite 4 (Depending on the selected fibre quality)

XXX = Fibre Count

YY = Fibre Type : MM62.5 or MM50 or SM

FB = Produced in Frameries, Belgium

TN = Traceability Number

							
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