

LANmark-OF UC PE (Unitube Steel Armoring - Outdoor)

UC optical fibre cables

- Outdoor in ducts or direct burial
- Corrugated steel tape armour
- Available in all fibres grades
- Provides full rodent protection

Description and Application

The construction is suitable for use outdoor in ducts and for direct burial. It consists of a corrugated steel tape armouring providing full rodent protection. It is surrounded by glass yarns. The cable has a HDPE outer jacket.

The loose tube design has a capacity of up to 24 fibres.

Diameter of the fibres is 250 μm . Termination of these fibres is done with splicing of pigtaileds.

The cable is watertight due to the gel in the loose tube and the watertight glass yarns.

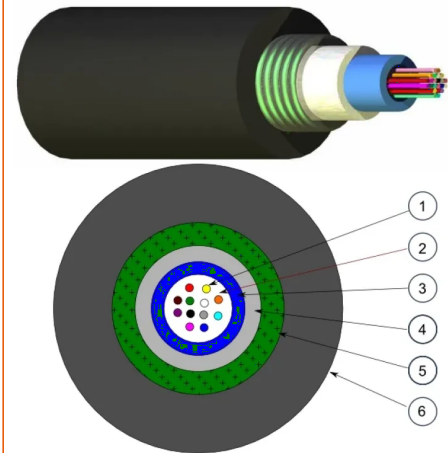
Construction

Legend accompanying the cross section drawing:

1. Optical fibres (250 μm)
2. Gel
3. Loose tube
4. Reinforced watertight glass yarns
5. Corrugated steel tape armour
6. PE outer jacket with UV resistant additive

Characteristics

- Outdoor cable for installation in a duct or direct burial
- Designed for termination by splicing
- Central loose tube design
- Corrugated steel protection
- Waterproof structure, rodent resistant and UV-resistant
- Available in all fibre grades



STANDARDS

ISO/IEC 11801

- Available from 4-24 fibres

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

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CHARACTERISTICS

구조적 특성

| | |
|------------------|------------|
| Fiber optic type | OM3 50/125 |
|------------------|------------|

치수

| | |
|---------|----------|
| 무게(근사치) | 85 kg/km |
|---------|----------|

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|--------------------------|----|
| Number of optical fibres | 24 |
|--------------------------|----|

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|-----------------------------|--------|
| Nominal outer diameter (mm) | 8.5 mm |
|-----------------------------|--------|

기계적 특성

| | |
|----------------------------------|--------------------|
| Mechanical resistance to impacts | 3 impacts of 5 N.m |
|----------------------------------|--------------------|

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|---------------------------------|-------|
| Maximum operating pulling force | 450 N |
|---------------------------------|-------|

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|--|--------|
| Maximum pulling force (IEC 60794-1-2-E1) | 1500 N |
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|-----------------------------------|----------|
| Crush resistance (IEC 60794-1-E3) | 300 N/cm |
|-----------------------------------|----------|

사용 특성

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|--------|-------------|
| 操作温度范围 | -40...70 °C |
|--------|-------------|





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| Minimum dynamic operating bending radius | 180.0 mm |
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|---|--------|
| Minimum static operating bending radius | 130 mm |
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|----------------------------|-------------|
| Storage temperature, range | -40...70 °C |
|----------------------------|-------------|

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|---|-----------|
| Ambient installation temperature, range | 0...40 °C |
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Product list

| Aginode ref. | Country ref. | 이름 | Fiber optic type | Number of optical fibres |
|---|--------------|---|------------------|--------------------------|
|  N165.UCPE24B | - | LANmark-OF UC 24x Multimode 50/125 OM3 PE Black | OM3 50/125 | 24 |
|  N167.UCPE12B | - | LANmark-OF UC 12x Multimode 50/125 OM4 PE Black | OM4 50/125 | 12 |
|  N167.UCPE24B | - | LANmark-OF UC 24x Multimode 50/125 OM4 PE Black | OM4 50/125 | 24 |
|  N167.UCPE06B | - | LANmark-OF UC 6x Multimode 50/125 OM4 PE Black | OM4 50/125 | 6 |

 = Make to order,  = In Stock

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