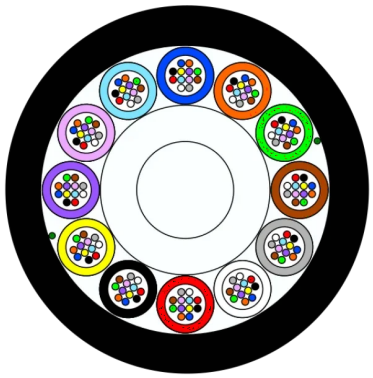
# U-GUARD - Compact duct and aerial cable Max span 50m

**U-GUARD LT KOMPAKTES BÜNDELADERKABEL 12X12SM SP2055**

**Aginode Ref:** 14500568



EN 187000 IEC 60794

This cable is specially designed to be installed by pulling in occupied ducts.

It is also a very good candidate for jetting installation types.

On top of this it can be installed aerial for short spans up to 50m.

## Characteristics & Applications

- Compact in size
- Excellent installation performances due to the excellent friction properties of the outer sheath
- Central strength member reinforcement
- High pulling strength
- All dielectric design
- Waterproof dry core structure
- Rodent Repellent (RR) Outersheath
- Compatible with helical dead-ends

## Construction

- Jelly filled tubes containing coloured fibres
- Central FRP strength member
- Very Low friction outer sheath
- Strong HDPE outer jacket with 1mm wall thickness
- Rodent Repellent outer sheath

*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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## Eigenschaften

| | |
|---|---|
| **Konstruktionsmerkmale** | |
| Armierung | Ohne Armierung |
| Leitungsaufbau | Loose Tube |
| Fasertyp | SM (G657.A1) |
| Metallfrei | Yes |
| Außenmantel | PE HD |
| Zugentlastungselement | Central FRP |
| **Abmessungsmerkmale** | |
| Nettogewicht ca. | 81 kg/km |
| Mantelwanddicke, Mittelwert | 1.0 mm |
| Außendurchmesser, nom. | 9.9 mm |
| Anzahl der optischen Fasern | 144 |
| Anzahl der Bündel | 12 |
| **Mechanische Eigenschaften** | |
| Querdruckwiderstand (IEC 794-1-E3) | 200 N/cm |
| Zulässige Zugbelastbarkeit | 220 daN |
| **Anwendungsmerkmale** | |
| Umgebungstemperatur bei Verlegung, Bereich | -10...50 °C |
| Biegefaktor bei Verlegung | 20 (xD) |
| Art der Installation | Duct - Air jetting or pulling - Aerial short span 50m |
| Betriebstemperatur | -30...70 °C |
| Nagetierschutz | Anti rodent additive |
| Lagertemperatur, Bereich | -40...70 °C |

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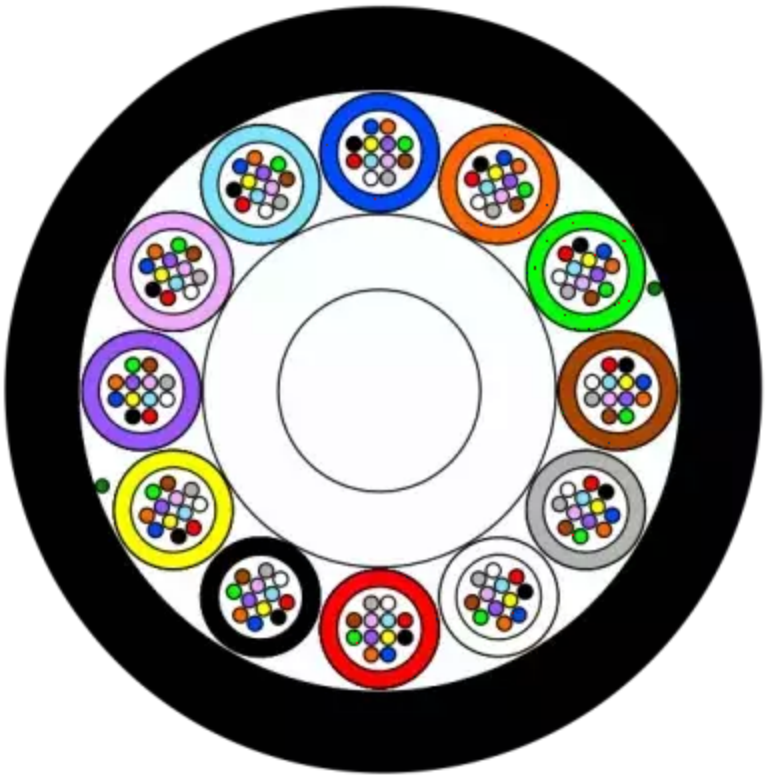

## Verkauf & Lieferung Informationen

# Standard-Kennzeichnung

Aginode - MF - SPxxxx - FIBER OPTIC CABLE - XX*YY - TN - metrisch

XX = Anzahl der Fasern
YY = Fasertyp
TN = Rückverfolgbarkeitsnummer

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