

Slotted Core 8-f Ribbon 288-640 Fibers – TOL 401 1020

Duct Cable 8-fibers Ribbon GASLDV Dielectric



Features

- Dry water-blocking tape prevents water penetration along the cable
- 288-640 fibers, G652.D
- High packing density of the fibers is provided by the ribbon technique
- Dielectric

Application

GASLDV is an 8-fiber ribbon cable for duct and direct buried installation.

The slotted core design provides superior protection for the fiber ribbons.

Each of the slots in the core contains 8-fiber ribbons. The 8-fiber ribbon can easily be split into two 4-fiber ribbons.

Being completely dielectric, the cable can be installed in environments with electrical interference, e.g. near power lines.

For direct burial installation, it is recommended that the cable is embedded in a minimum of 10 cm sand.

The versatility of the cable and the inherent benefits of ribbon fiber technology, reduce the cost of installation.



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Typical Data

Temperature range¹⁾

Operation -30 to +70°C
 Storage -40 to +70°C
 Installation -15 to +50°C

Bending radius¹⁾

Temporarily unloaded $\geq 10 \times$ cable diameter
 Permanently (one turn) and during installation
 $\geq 15 \times$ cable diameter

Tensile force¹⁾

Permanently ≤ 1.35 kN

Crush resistance¹⁾

..... ≤ 3.0 kN/100 mm

Water penetration

Complies with IEC 60794-1-2-F5B

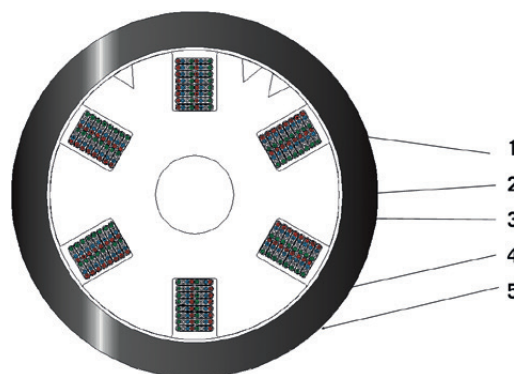
Delivery Information

Supplied lengths 2, 4, 6 km
 (640-fibers cable max length is 5000 m)
 Drum type²⁾

1) Tested in accordance with IEC 60794-1
 2) See drum tables

Design

1. 8-fiber ribbon Silica, acrylate
2. Central strength member Glass fiber reinforced plastic
3. Slotted core Polyethylene
4. Water blocking Water swelling tape
5. Sheath Polyethylene, PE (black)



Ordering Information

PRODUCT NUMBER	NUMBER OF FIBERS	DIAMETER (MM)	WEIGHT (KG/KM)
TOL 401 1020/288A	288	20	270
TOL 401 1020/384A	384	20	280
TOL 401 1020/480A	480	20	290
TOL 401 1020/640A	640	22.5	370

The order number corresponds to a cable with standard single-mode fibers (G652.D) colored according to standard Hexatronic color code (see product information “Standard Hexatronic fiber color code”).

Detailed technical information is available on request.