

Slotted Core 8-f Ribbon 96-192 Fibers – TOL 401 1002

Duct Cable 8-fibers Ribbon GASLDV Dielectric



Features

- Water blocking filling compound prevents water penetration along the cable
- 96-192 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 burial installation. Being completely dielectric it can be installed in environments where there can be electrical interference, for example adjacent to power lines.

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

The versatility of this cable design and the improved splicing properties of the ribbon technology, reduce the cost of installation.

The strength member and the slotted core design provide superior protection for the fiber ribbons.



Slotted Core 8-f Ribbon 96-192 Fibers – TOL 401 1002

Typical Data

Temperature range¹⁾
 Operation-30 to +70°C
 Storage-40 to +70°C
 Installation-15 to +50°C

Bending radius¹⁾
 Temporarily unloaded≥ 10×cable diameter
 Permanently and during installation
≥ 15×cable diameter

Tensile force¹⁾
 Standard variant
 During installation≤ 2.0 kN
 Permanently≤ 1.5 kN

Crush resistance¹⁾
 Standard variant≤ 6.0 kN/100 mm

Water penetration
 Complies with.....IEC 60794-1-2-F5

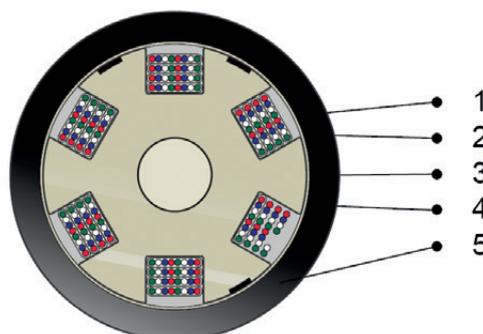
Delivery Information

Supplied lengths2, 4, 6, 8 or 12 km
 Drum type²⁾

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

Design

- 1 8-fiber ribbon Silica, acrylate
- 2 Filling compound Thixotropic gel
- 3 Central strength member Glass fiber reinforced plastic
- 4 Slotted core Polyethylene
- 5 Sheath Polyethylene (black)



Ordering Information

PRODUCT NUMBER	NUMBER OF FIBERS	DIAMETER (MM)	WEIGHT (KG/KM)
TOL 401 1002/96A	96	15.5	200
TOL 401 1002/144A	144	15.5	210
TOL 401 1002/192A	192	15.5	210

This ordering information covers standard types of the GASLDV cable.

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

Other combinations such as:

- fiber types
- fiber colors
- ribbon colors
- total number of fibers
- number of ribbons in each tube

and specific technical information are available on request.