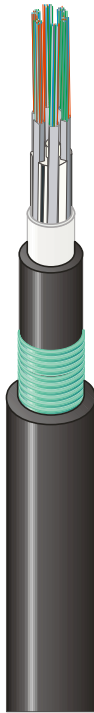


# Fiber optic cable, GASQWQBUV, 96-640 fibers, TOL 402 1014

Slotted core design, 4 or 8-fiber ribbon



## Features

- Dry water blocking tape prevents water penetration along the cable
- 96-640 fibers, G652.D
- High packing density of the fibers is provided by the ribbon technique
- Rodent protected
- Flame resistant

## Application

GASQWQBUV is a ribbon cable for duct and direct burial installation. The cable is the preferred choice for installations into tunnels.

The cable is of slotted core design, which enables a cable with superior fiber protection. The corrugated steel tape protects the cable from rodents. Each of the slots in the core contains 4-fiber or 8-fiber ribbons. The 8-fiber ribbon can easily be split into two 4-fiber ribbons.

The standard fiber counts are 96, 192, 480 and 640.

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.

Dry core construction facilitates cable splicing since no removal sticky of jelly compound is necessary.

The cable is provided in two configurations; ≤96 fibers with 4-fiber ribbons and >96 fibers with 8-fiber ribbons.



### Typical data

#### Temperature range<sup>1)</sup>

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

#### Bending radius<sup>1)</sup>

Temporarily unloaded ..... ≥ 10×cable diameter  
Permanently (one turn) and during installation  
..... ≥ 15×cable diameter

#### Tensile force<sup>1)</sup>

Permanently..... ≤ 1.35 kN

Crush resistance<sup>1)</sup>..... ≤ 6.0 kN/100 mm

#### Water penetration

Complies with ..... IEC 60794-1-2-F5B

#### Delivery information

Supplied lengths

96 fiber cable ..... max 6 km  
192 fiber cable ..... max 5 km  
480 and 640 fiber cable..... max 4 km

#### Drum type<sup>2)</sup>

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

### Order information

Product number	No. of fibers	Diameter [mm]	Weight [kg/km]
TOL 402 1014/96A	96	18.0	320
TOL 402 1014/192A	192	24.5	510
TOL 402 1014/480A	480	27.0	620
TOL 402 1014/640A	640	29.0	720

#### Ordering information

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

Detailed technical information is available on request.

### Design

- 1 4 or 8-fiber ribbon ..... Silica, acrylate
- 2 Central strength member..... Glass fiber reinforced plastic
- 3 Slotted core..... Polyethylene
- 4 Water blocking ..... Water swelling tap
- 5 Rip cords.....
- 6 Inner sheath..... Polyethylene, PE (black)
- 7 Armoring ..... Corrugated steel tape
- 8 Outer sheath ..... Polyethylene, PE (black)

