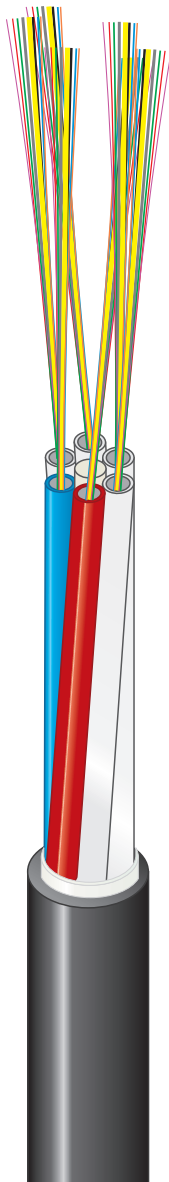


Concentric Core Loose Tube DryTech 12-48 Fibers – TOL 401 2084

Duct Cable GRCLDV Dielectric



Features

- Easy to strip and identify fibers
- Dry construction
- Concentric core design
- Dielectric
- Small outer diameter
- ITU-T-G652.D fibers

Application

GRCLDV is a loose tube cable using concentric core design, with small loose tubes, only 2.1 mm.

GRCLDV is designed for installation in ducts. The cable is completely dielectric making it suitable for installation in environments where there is electrical interference.

The cable is very easy to install, due to the small diameter and low weight.

DryTech™ filling compound, a foamed thermoplastic elastomer, is used as water blocking in the cable.



Concentric Core Loose Tube DryTech 12-48 Fibers – TOL 401 2084

Typical Data

Temperature range

Operation -30 to +70°C
 Storage -40 to +70°C
 Installation -15 to +60°C

Bending radius

During installation $\geq 10 \times$ cable diameter
 During operation $\geq 15 \times$ cable diameter

Tensile force

During installation ≤ 2.5 kN
 During operation ≤ 1.5 kN

Crush resistance

..... ≤ 2.0 kN/10cm

Water penetration

Complies with IEC 60794-1-2-F5

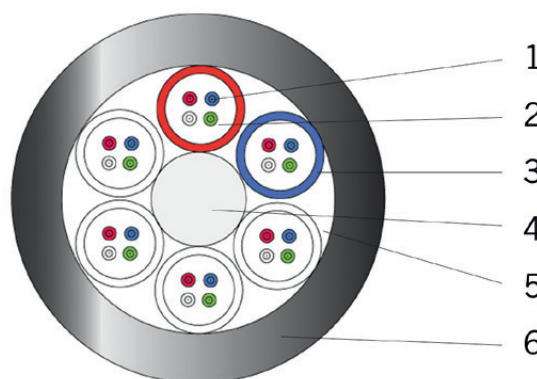
Delivery Information

Supplied lengths 2-12 km

Mechanical and environmental test in accordance with IEC 60794-1
 Fiber parameters and tests according to the IEC series 60793-2 and 60793-1

Design

1. Primary coated fiber Silica, acrylate
2. Filling compound Thixotropic gel
3. Loose tube PBT
4. Central strength member Glass fiber reinforced plastic
5. Water blocking DryTech (polyester)
6. Sheath Polyethylene (HDPE) (black)



Ordering Information

PRODUCT NUMBER	NUMBER OF FIBERS	NUMBER OF FIBERS/TUBE	DIAMETER (MM)	WEIGHT (KG/KM)
TOL 401 2084/12A	12	4	10	85
TOL 401 2084/24A	24	4	10	85
TOL 401 2084/36A	36	6	10	85
TOL 401 2084/48A	48	8	10	85

This ordering information covers standard types of the GRCLDV cable.

Other combinations such as:

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

and specific technical information is available on request.

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”).