# DISTRIBUTION FIBER OPTIC CABLE



FIBER-REX distribution cables consist of 4 to 24, 900µm tight secondary buffered optical fibers with rodent resistant E-glass non metallic strength members and black LSZH jacket.

#### Features

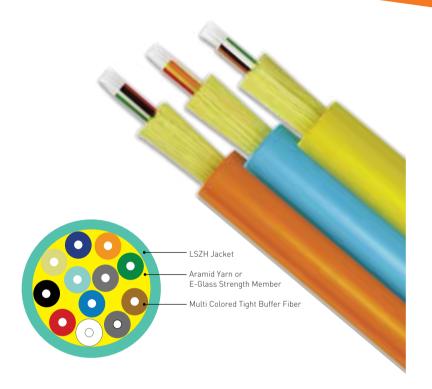
- Fire retardant
- Choice of fiber type
- Choice of outer diameter
- High strength aramid yarn strength member
- Easy to strip
- Choice of outer sheath material
- Choice of outer sheath color

#### Applications

As connecting cables between buildings; as connecting cable along wall, ceiling, layers and tubes; as Pigtails for communication equipment; as moveable connecting cables and patchcords.

#### Options

- Bend insensitive fibers G657A/B
- OM4 fibers 10 Gigs at 550 meters
- Any color of cable jacket
- Printing on cable
- OFNP plenum jacket



### Technical Specification

| Parameter                      | OUM    | Value |     |     |     |     |     |  |
|--------------------------------|--------|-------|-----|-----|-----|-----|-----|--|
| Fiber core                     |        | 4     | 6   | 8   | 12  | 16  | 24  |  |
| Normal weight                  | kg/km  | 19    | 23  | 29  | 33  | 53  | 60  |  |
| Outer diameter                 | mm     | 4.6   | 5.0 | 6.2 | 6.8 | 7.4 | 8.4 |  |
| Normal drum dimensions         | mm     | 630   | 630 | 760 | 760 | 760 | 900 |  |
| Drum weight                    | kg/pcs | 25    | 25  | 25  | 33  | 33  | 54  |  |
| Long term tensile strength     | N      | 130   | 130 | 130 | 130 | 200 | 240 |  |
| Short term tensile strength    | N      | 440   | 440 | 440 | 440 | 600 | 720 |  |
| Minimum static bending radius  |        | 10D   |     |     |     |     |     |  |
| Minimum dynamic bending radius |        | 20D   |     |     |     |     |     |  |
| Long term crush resistance     | N      | 200   |     |     |     |     |     |  |
| Short term crush resistance    | N      | 1000  |     |     |     |     |     |  |

## Ordering Information

| DIST              |                               |  |                       |   |                         |
|-------------------|-------------------------------|--|-----------------------|---|-------------------------|
| Cable Type        | Fiber Core                    | Fiber Type   | Outer Sheath Material | Outer Sheath Color  | Length                  |
| DIST=Distribution | 4<br>6<br>8<br>12<br>16<br>24 | 62=62.5/125<br>50=50/125<br>09=9/125<br>0M3=0M3<br>0M4=0M4<br>7A=6657A<br>7B=G657B | LZ=LSZH<br>PV=PVC     | OR=Orange<br>PR=Purple<br>YE=Yellow<br>BL=Blue<br>AQ=Aqua<br>GR=Green | 1=1KM<br>2=2KM<br>4=4KM |