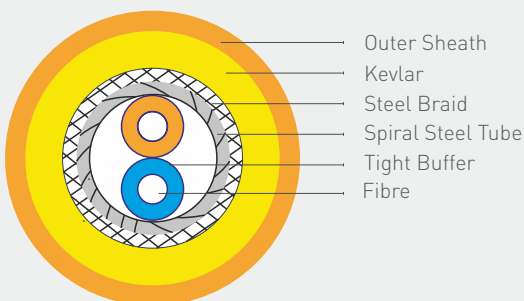
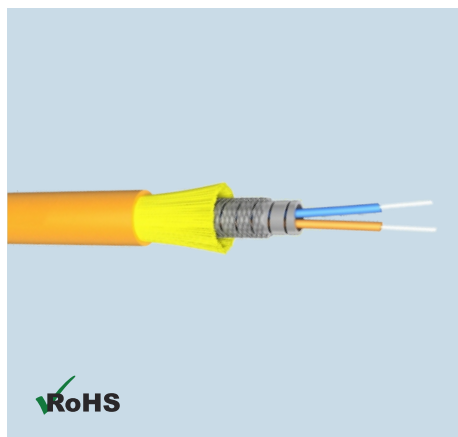


# TIGHT BUFFER SPIRAL STEEL ARMoured IN/OUT FIBRE OPTIC CABLE

These cables are constructed with Kevlar Yarn, Steel Braid, and Spiral Steel Tube, which makes it excellent for anti-rodent applications. This tight buffered fibre optic cable is flexible, has a good bending radius, and is easy to strip. This 0.6mm tight buffer cable is suitable for both internal and external applications.



## COMPLIANCE

ITU-T G652.B OS1  
 ITU-T G652.D/G655/G657.A1/G657.A2 OS2  
 ITU-T G651.1 OM1 OM2 OM3 OM4  
 IEC60793-2-10 type A1a.1/A1b OM1/OM2  
 IEC60793-2-10 type A1a.2 OM3  
 IEC60793-2-10 type A1a.3 OM4  
 IEC60794  
 ISO/IEC 11801 , ISO/IEC 24702  
 ANSI/TIA/EIA 568.3-D  
 ROHS compliant Directive 2002/95/EC  
 LSZH: IEC 60332-1, IEC 60754, IEC 61034

## MECHANICAL, ENVIRONMENTAL & OPTICAL CHARACTERISTICS

| Characteristics   | Short Term                   | Long Term |
|-------------------|------------------------------|-----------|
| Tensile Strength  | 300 N                        | 600 N     |
| Crush Load        | 2000 N                       | 3000 N    |
| Braiding Coverage | Steel wire braid 5*16pcs 30% |           |
| Operating Temp.   | -20° C to +60° C             |           |
| Storage Temp.     | -40° C to +70° C             |           |

## ORDERING INFORMATION

| Part Number     | Fibre Count | Cable Diameter (mm) | Central Tube Diameter (mm) | Cable Weight (Kg) | Bend Radius |           |
|-----------------|-------------|---------------------|----------------------------|-------------------|-------------|-----------|
|                 |             |                     |                            |                   | Short (mm)  | Long (mm) |
| 4029-21002FXXCL | 2           | 4.0                 | 2.5                        | 46                | 20D         | 10D       |
| 4029-21004FXXCL | 4           | 4.0                 | 2.5                        | 46                | 20D         | 10D       |
| 4029-21006FXXCL | 6           | 4.5                 | 2.8                        | 48                | 20D         | 10D       |
| 4029-21012FXXCL | 12          | 5.5                 | 3.6                        | 78                | 20D         | 10D       |
| 4029-21024FXXCL | 24          | 7.5                 | 5.0                        | 85                | 20D         | 10D       |



# TIGHT BUFFER SPIRAL STEEL ARMoured IN/OUT FIBRE OPTIC CABLE

## ORDERING GUIDE

| Cable Type | Jacket                  | No. of Tube | Fibre Count  | Fibre Type (FXX)   | Jacket Colour (CL) |
|------------|-------------------------|-------------|--------------|--|--------------------|
| 4029       | 1=PVC<br>2=LSZH<br>3=PE | 1           | No. of Fibre | OM1=62.5/125 OM1<br>OM2=50/125 OM2<br>OM3=50/125 OM3<br>OM4=50/125 OM4<br>OS1=9/125 [G652.B] OS1<br>OS2=9/125 [G652.D] OS2<br>500=9/125 [G655] OS2<br>7A1=9/125 [G657.A1] OS2<br>7A2=9/125 [G657.A2] OS2 | As noted           |

CL: BK(Black), OR(Orange), YL(Yellow), GN(Green), AQ(Aqua), RD(Red), BL(Blue)

## PACKING INFORMATION

| Part Number     | Packing Length | Packing Mode | N.W (kg) | G.W (kg) |
|-----------------|----------------|--------------|----------|----------|
| 4029-21002FXXCL | 2000 x 1       | Wooden Drum  | 46       | 71       |
| 4029-21004FXXCL | 2000 x 1       | Wooden Drum  | 46       | 71       |
| 4029-21006FXXCL | 2000 x 1       | Wooden Drum  | 48       | 73       |
| 4029-21012FXXCL | 2000 x 1       | Wooden Drum  | 78       | 83       |
| 4029-21024FXXCL | 2000 x 1       | Wooden Drum  | 85       | 110      |