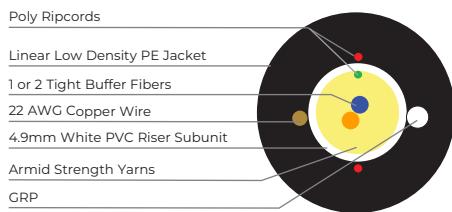


# Toneable Round Drop



## OVERVIEW

Prysmian's versatile outdoor rated drop for duct applications that contains a 1 or 2 fiber indoor riser rated MDU cable and a 22 AWG tone wire. The subunit can be easily separated for routing into the dwelling. The tone wire allows for easy cable location in underground applications.

## FEATURES AND BENEFITS

### Versatile Design

- Outdoor rated cable contains 22 AWG wire for toning
- Internal white 4.9mm round sub-unit (Riser/FT4 flame rated) allows routing directly into customer premise
- MDU unit contains two EZstrip™ tight buffered unit for easy connectorization or splicing
- MDU sub-unit is compatible with stapling (T25 Round Crown Staples)

### Easy Access Design

- Jacket ridge shows location of strength element for safe cable entry
- Subunit is easily separated from the cable
- EZstrip tight buffered fibers allow for fast fiber stripping
- Ripcords for easy removal of long sub-unit lengths

### Reliability

- Rugged 4.9mm sub-unit
- ITU G657.B3 Bend-Insensitive fiber provides extreme bending performance (down to 5mm radius)
- 200 kpsi fibers are proof tested at twice the load of standard fibers for enhanced lifetime reliability
- Tone wire allows easy location to avoid damage when installing other cables

### Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

## PERFORMANCE SPECIFICATIONS (Below Test per GR20 & ICEA 717 Requirements)

Bend Radius		
Dynamic	20 x Cable OD	
Static	10 x Cable OD	
Tensile Rating	N	lbf
Installation	450	100
Residual	135	30
Crush Resistance	N/cm	lbf/in
Short/Long Term	440/130	250/75
Temperature Ratings	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-20 to +60	-4 to +140
Storage/Shipping	-40 to +75	-40 to +167
Cable Twist	2m twist, 10 cycles per ICEA 717	
Cyclic Flex	25 cycles per ICEA 717	
Low High Bend	-30C & +60C per ICEA 717	
Staple Test (20 T25)	< 0.10 dB at 1550nm	
Water Penetration	3m length	

## DIMENSIONS AND WEIGHTS

Buffer Tube OD	4.9 mm (0.19 in)
Cable OD	7.6 mm (0.3 in)
Cable Weight	49 kg/km (33 lbs/kft)

## Ordering Guide

The Prysmian part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below.

**Example:** 2 fiber round toneable drop with ITUG657.B3 bend insensitive fiber (printed in feet)



## PART NUMBER CONSTRUCTION

### 1 LENGTH MARKINGS

F = Feet or M = Meters

### 2 PRODUCT FAMILY

DTR = Round Toneable Drop

### 3 CONSTRUCTION

1JKT = Single Jacket

### 4 FIBER GROUPING

01 = 1f per unit

02 = 2f per unit

## FIBER INFORMATION

### 5 FIBER TYPE

#### SINGLE-MODE

B3 = Bend-Insensitive Single-Mode (ITU G.657.B3 Bend-Insensitive Fiber)

BE = BendBright Elite Bend-Insensitive Single Mode (ITU G.657.B3 & G.652.D)

### 6 FIBER COUNT

001 to 002 fibers

### 7 FIBER GRADE

#### SINGLE-MODE

Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E3 = 0.35/0.35/0.25	1310/1383/1550	B3 or BE

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

Other cable constructions and fiber performance grades available on request.