



## **LIACC FO Access DROP cable BOWA 1-4 cores, self-supporting, all dielectric**



\*All images are indicative

### **Features**

- Aerial installation (F8 type)**
- All Dielectric Non-Metallic design**
- LSZH Fire Retardant**
- Suitable for both indoor and outdoor**
- UV-Resistant outer jacket**
- Small size**
- 100% dry design**
- Low installation cost**
- Easy to strip**
- Direct Connection to Terminal Equipments**

### **Standards of reference and applications**

EN 50173-1, IEC 60754-2, IEC 60794-1&2, IEC 60793-1&2, IEC 60332-1 & 2

FTTH Applications

Aerial (F8 Type with Steel Messenger Wire)

Drop Cabling

Intrabuilding Voice or Data Communication Networks

Outdoor Interconnect and Patchcord Applications

Interconnection of Distribution Boxes, Distribution Frames and Customer Equipment and between the buildings  
WAN  
Aerial (Lashed)

## Installation Features

**Store at** -40 to +70 °C  
**Install at** -10 to +60 °C  
**Operate at** -40 to +70 °C

## Design

**Optical fiber** : 1 to 4 cores 125/250µm, Single Mode or Multi Mode  
**Outer jacket** : Black LSZH-HFFR material  
**Self supporting element** : FRP rod 1.0mm  
**Peripheral pulling elements** : FRP rod 0.5mm  
**Marking** : APS Finland - ww/yy - DROP Fiber Optic Cable BOWA fiber count x fiber type - P/N - lot + meter

## Environmental properties

**Degree of acidity of gases** : IEC 60754-1, IEC 60754-2  
**Halogen acid gas corrosiveness** : TS EN 50267-2-3  
**Smoke Emission** : IEC 61034-2  
**Flame retardant** : IEC 60332-1-1, IEC60332-2-1  
**UV resistant** : UL1581, IEC11801

## Mechanical properties

**Bending radius** : 15 x O.D. (OS2 and MM), 10 x O.D. (G657A1/2)  
**Pulling tension, during installation** : 600 N  
**Pulling tension, permanent** : 400 N  
**Crush** : 600N/100mm (IEC 60794-1-2 E3)  
**Impact** : 5J ( $\Delta\alpha$  reversible, IEC 60794-1-2-E4)

## Colour code of fibers

	1	2	3	4
Fiber Colours	Blue	Orange	Green	Brown

## Fiber Optic characteristics

See detailed specification of optical fibers.

## Ordering and delivery information

Fiber Count	Part Number	Nominal O.D. (mm)	Weight (kg/km)	Packaging
1	DRBA1xxxoo	5.2 x 2.0	21	Drum (1 or 2km)
2	DRBA2xxxoo	5.2 x 2.0	21	Drum (1 or 2km)
4	DRBA4xxxoo	5.2 x 2.0	21	Drum (1 or 2km)

xx = fiber type                      ex. OS2=S2, G657a1=7A1, G657a2=7A2, OM1=M1, OM2=M2, OM3=M3, OM4=M4, OM5=5  
oo = delivery length              ex. 1000m=D1, 2000m=D2, 4000m=D4

## Recommended connectivity

**Pigtails** : APS LIIN-25 series

**Patch cords** : APS LIIN-25 series

**Adapters** : APS LIIN-25 series

**Patch Panels** : APS LIIN-25 series

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