



LIACC FO Access DROP cable BOWA 1-4 cores, self-supporting



*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	12	Drum (1 or 2km)
4	DRBA4xxxoo	5.2 x 2.0	12	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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