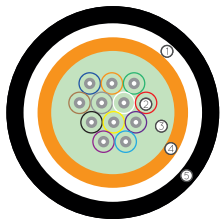


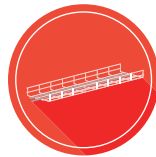


PRODUCT DESCRIPTION

- Mostly used in building and campus backbone applications where a lower load tension is required, offering compact low fiber count duct grade cable.



- ① Strength Member;
- ② Colored Coating Fiber;
- ③ Filling Gel;
- ④ Loose Tube;
- ⑤ Outer Jacket.



STANDARDS

- ISO/IEC 11807; • EN 50173-1; • EN50575; • IEC 60794-2; • IEC 60332-1-[1,2]; • IEC 60754-[1,2]; • IEC 61034-[1,2]; • ANSI/TIA-568-C; • IEC 60793; • ITU G651.1; • ITU G652; • ITU G657.

CABLE PROPERTIES

Colored Coating Fiber	Dimension (µm)	250 ± 15
	Color	Blue, Orange, Green, Brown, Grey, Natural, Red, Black, Yellow, Purple, Pink, Aqua
Loose Tube	Dimension (mm)	2-12F: 2.00 ± 0.1 16-24F: 3.00 ± 0.1
	Material	PBT
Central Strength Member	Color	Green, Natural, Natural, Natural
	Material	Glass Yarns
Outer Jacket	Dimension (mm)	2-12F: 5.80 ± 0.2 16-24F: 6.60 ± 0.2
	Material	LSZH
	Color	Black



LOOSE TUBE - UNITUBE CABLE WITH GLASS YARNS

• MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Number of Fibers		2	4	6	8	12	16	24
Tension (Long Term)	N	500	500	500	500	500	500	500
Tension (Short Term)	N	1000	1000	1000	1000	1000	1000	1000
Max. Impact	N	450	450	450	450	450	450	450
Max. Torsion (Turns $\pm 180^\circ$)	N	150	150	150	150	150	150	150
Crush (Long Term)	N/10cm	300	300	300	300	300	300	300
Crush (Short Term)	N/10cm	1000	1000	1000	1000	1000	1000	1000
Min. Bend Radius (Dynamic)	mm	20D	20D	20D	20D	20D	20D	20D
Min. Bend Radius (Static)	mm	10D	10D	10D	10D	10D	10D	10D
Installation Temperature	$^\circ\text{C}$	-20 to 60	-20 to 60	-20 to 60	-20 to 60	-20 to 60	-20 to 60	-20 to 60
Operating Temperature	$^\circ\text{C}$	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70
Storage Temperature	$^\circ\text{C}$	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70	-40 to 70
Cable Diameter	mm	5.8 ± 0.2	5.8 ± 0.2	5.8 ± 0.2	5.8 ± 0.2	5.8 ± 0.2	6.6 ± 0.2	6.6 ± 0.2
Nominal Cable Weight	(kg/km)	37	37	37	37	37	50	50

• CABLE MARK

barpa (Code Number) F.O. Cable LSZH (ITU Recommendation) (N° fibers) Verified to ISO/IEC 11801; IEC 60793-2-50; IEC 60793-2-10; IEC 60794-2; EN 50575; IEC 60332-1; IEC 60754; and IEC 61034 ___m (produce date)

• ORDER INFORMATION

Number of Fibers	Reel Meters (km)	Reel Size (cm)	Gross Weight (kg/reel)
2	2	60x60x41	82
4	2	60x60x41	82
6	2	60x60x41	82
8	2	60x60x41	82
12	2	60x60x41	82
16	2	73x73x60	125
24	2	73x73x60	125



LOOSE TUBE - UNITUBE CABLE WITH GLASS YARNS

• ORDER INFORMATION - CODE

	Number of Fibers						
	2	4	6	8	12	16	24
OM2	81111211402	81111211404	81111211406	81111211408	81111211412	81111211416	81111211424
OM3	81111211502	81111211504	81111211506	81111211508	81111211512	81111211516	81111211524
OM4	81111211602	81111211604	81111211606	81111211608	81111211612	81111211616	81111211624
G652D	81111211102	81111211104	81111211106	81111211108	81111211112	81111211116	81111211124
G657A2	81111211202	81111211204	81111211206	81111211208	81111211212	81111211216	81111211224



As part of our goal to achieve quality excellence, our barpa System Warranty can give you 25 years products and solution assurance of compliance with the industry performance standard comparing with the class installed. This warranty applies to network infrastructure installations that was made by an approved barpa Partner using an barpa solution (end-to-end). For more informations go to our website.