

Mini Breakout Cable

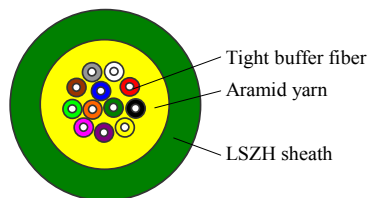
Application

- Backbone in LAN's
- For premises wiring
- Indoor and outdoor in ducts
- Internal wiring

General

This specification covers the multi purpose distribution cable with 2 to 12 fibers.

The cable complies with standard IEC794-2 and the fire performance test IEC332-1 and IEC332-3C.



Construction Data

Tight buffered fiber color	1.Blue 2.Orange 3. Green 4.Brown 5.Gray 6.White 7.Red 8.Black 9.Yellow 10.Violet 11.Pink 12.Aqua
Tight buffer fiber Diameter	900 ± 50µm
Strength member	Aramid yarn
Sheath material	LSZH

Technical Data-Physical

Fiber count	2	4	6	8	12
Cable diameter(mm)	3.2 ± 0.25	4.8 ± 0.25	5.1 ± 0.25	5.6 ± 0.25	6.2 ± 0.25
Cable weight(kg/km)	10	18	22.5	28	38
Temperature range	Storage: -40°C~+70°C Installation: -20°C~+70°C Operation: -20°C~+70°C				

Technical Data-Mechanical

Max. loading(IEC794-1)	660N
Installation	
Operation	
Min bend radius(IEC794-1)	10×D
Long term(mm)	
Short term(mm)	
Crush resistance(IEC794-1)	1000N/100mm

Technical Data-Transmission

Fiber type	Attenuation				OFL bandwidth	Effective modal bandwidth	10 Gigabit Ethernet SX	Min bend radius
Conditions	1310/1550nm		850/1300nm		850/1300nm	850nm	850nm	/
	Typical	Maximum	Typical	Maximum				
Unit	dB/km	dB/km	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22	0.5/0.4	---	---	---	---	---	16
G657A1	0.36/0.22	0.5/0.4	---	---	---	---	---	10
G657A2	0.36/0.22	0.5/0.4	---	---	---	---	---	7.5
50/125	---	---	3.0/1.0	3.5/1.5	≥500/500	---	---	30
62.5/125	---	---	3.0/1.0	3.5/1.5	≥200/500	---	---	30
OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	30
OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	30
BI-OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	7.5
BI-OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	7.5