Duplex Zipcord Indoor Drop (ID) FO cable
2-Core Tight Buffer

DME PROLINK

CONNECTING THE GLOBE

D119x-IDnFmsc

TECHNICAL DATA

- Out sheath
- Kevlar yarn
- Fiber
- Tight buffer

Description

DME PROLINK's 2-Core Duplex Zipcord Indoor Drop Fiber cable is designed and manufactured to the highest standards. Available as Multi-mode or Single-mode (either G.652D or G.657A or G.657B compliant), it provides the bend-insensitivity and robustness essential to a successful FTTx deployment.

The Aramid Yarn strength member offers more than adequate strength to pull long lengths of this cable while significantly reducing the weight of the cable.

DME PROLINK's 2-Core Duplex Zipcord Drop Fiber cable is approved by Service Provider.

Features & Benefits

✓ Lightweight & Compact
✓ High strength Kevlar member
✓ Approved by Service provider
✓ High quality Tight buffer
✓ Soft and Easy to strip
✓ LSZH
✓ Predictable lifetime of 30 years

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TÜV Middle East
ISO 9001

Technical Assistance
Middle East - +971 (4) 8118000
www.ecsglobalwire.com

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TECHNICAL DATA

Optical Specification

Grade	OM1	OM1	OM2	OM3	OM3	OS1
Glass Type	62.5/125 MM	62.5/125 MM	50/125 MM	50/125 MM	50/125 MM	9/125 MM
Operating Wavelength (nm)	850/1300	850/1300	850/1300	850/1300	850/1300	1310/1550
Min. OFL[1] Bandwidth (MHz-km)	200/500	200/500	500/500	1500/500	3000/500	–
Min. Laser[2] Bandwidth (MHz-km)	220/500	385/500	510/500	2000/500	4700/500	–
Max. Attenuation (dB/km)	3.50/1.25	3.50/1.25	3.50/1.25	3.50/1.25	3.50/1.25	0.80/0.50
100 Mbit Fast Ethernet Min. Link Length (meters S/L/E[3])	300/2000	300/2000	300/2000	300/2000	300/2000	5000/–
1 Gigabit Ethernet Min. Link Length (meters S/L/E[3])	300/550	500/1000	600/600	1000[4]/600	1000[4]/600	5000/–
10 Gigabit Ethernet Min. Link Length (meters S/L/E[3])	33/300	33/300	82/300	300/300	550/300	10,000/40,000

1 OFL – Overfilled Launch
2 Effective Modal Bandwidth, determined by RML or DMD performance specifications
3 S/L/E – Short wavelength (850 nm) / Long wavelength (1310 nm) / Extra long wavelength (1550 nm)
4 >2000 meters for engineered links

Out sheath Diameter	Tight buffer Diameter	Weight	Minimum allowable Tensile Strength (N)		minimum allowable Crush Load (N/100mm)		Minimum Bending Radius (MM)		Storage temperature
(MM)	(MM)	(KG)	short term	long term	short term	long term	short term	long term	(℃)
1.6×3.4	0.6	4.80	150	80	500	100	20D	10D	-20+60
1.8×3.8	0.6	5.00	150	80	500	100	20D	10D	-20+60
2.0×4.2	0.9	7.00	150	80	500	100	20D	10D	-20+60
2.4×5.0	0.9	9.00	150	80	500	100	20D	10D	-20+60
2.8×5.8	0.9	11.50	150	80	500	100	20D	10D	-20+60
3.0×6.2	0.9	12.50	150	80	500	100	20D	10D	-20+60

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Operating Range Over:							
10G Ethernet Application	**Type of Fiber**	**OM1**		**OM2**	**OM3**		**OS1**
	Core / Cladding (μm)	62.5 /125		50/125	50 /125		9 /125
	Modal Bandwidth (MHz.Km)	160	200	500	400	500	2000	
	Wavelength (nm)	Distance					
10GBASE-SR	850 Serial	26m	33m	82m	-	-	300m	-
10GBASE-SX	850					300m	-
10GBASE-LX	1310		-	-			-	10 Km
10GBASE-LX4	1310 WWDM	300m*		300m*	240m	300m*	-	10 Km
10GBASE-LR	1310 Serial	-	-	-	-	-	-	10 Km
10GBASE-ER	1550 Serial	-	-	-	-	-	-	40 Km
10GBASE-EX	1550	-	-	-	-	-	-	40 Km
10GBASE-ZR	1550	-	-	-	-	-	-	80 Km

ITU Standards:

The ITU defines 4 classes of G657 fibre as below:
- G657A1 –10mm minimum bend radius, other specs as G652
- G657A2 –7.5mm minimum bend radius, other specs as G652
- G657B2 –7.5mm minimum bend radius, other specs may deviate from G652
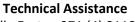- G657B3 –5mm minimum bend radius, other specs may deviate from G652

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D	1	1	9	x	-	I	D	n	F	m	s	c

x	Pin assigned by ECS
0-9	Inventory Management Index

n	No of Fiber Strand
2	2

m	Mode
2	OM3
3	OM4
6	OS1
7	OS2

c	Sheath Color
YW	Yellow
OR	Orange

s	Specification
2D	G.652D
7A1	G.657A1
7A2	G.657A2
7B2	G.657B2
7B3	G.657B3

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