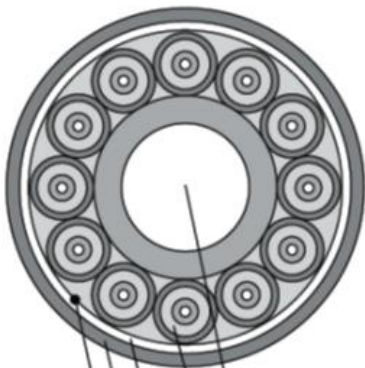
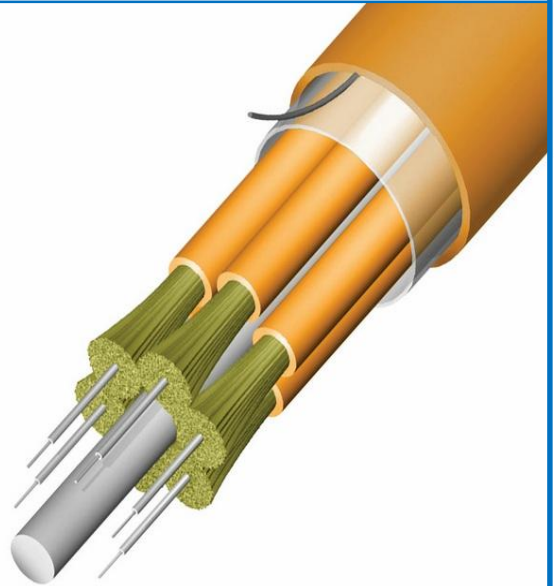


## Fiber Optic Cable Breakout Tight-Buffered

### Description

DME PROLINK's Tight-Buffered Breakout cable is designed specifically for indoor distribution applications requiring low to medium core-counts. Breakout cable combines multiple fiber flexibility with strength of individually jacketed fibers. Available as Multi-mode or Single-mode (either G.652D or G.657B compliant), it provides the bend-insensitivity and robustness essential to a successful FTTH deployment

Circular construction and a Kevlar yarn strength member make this cable ideal for indoor deployments where riser and/or containment spaces are limited.



- central member
- fiber sub-unit
  - 900µm tight buffer
  - aramid
  - jacket
- core wrap tape
- outer jacket
- ripcord

### Features & Benefits

- ✓ Available as G.652D or G.657B
- ✓ Approved by Etisalat/UTT
- ✓ LSZH
- ✓ Predictable lifetime of 30 years

# Fiber Optic Cable Breakout Tight-Buffered

## 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 <sup>1</sup> Bandwidth (MHz-km)	200/500	200/500	500/500	1500/500	3000/500	–
Min. Laser <sup>2</sup> 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 <sup>3</sup> )	300/2000	300/2000	300/2000	300/2000	300/2000	5000/–
1 Gigabit Ethernet Min. Link Length (meters S/L/E <sup>3</sup> )	300/550	500/1000	600/600	1000 <sup>4</sup> /600	1000 <sup>4</sup> /600	5000/–
10 Gigabit Ethernet Min. Link Length (meters S/L/E <sup>3</sup> )	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



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## Fiber Optic Cable Breakout Tight-Buffered

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

\* 500 MHz.Km Modal Bandwidth @ 1300nm CWDM required for 300m distance

## Fiber Optic Cable Breakout Tight-Buffered

D	1	1	0	x	-	n	m	j	p	s	C
				<b>x</b>	<b>Pin assigned by ECS</b>						
				0-9	Inventory Management Index						
				<b>n</b>	<b>Number of Fibers</b>						
				02 - 12	02 - 12 Fibers						
				<b>m</b>	<b>Mode</b>						
				0	OM1						
				1	OM2						
				2	OM3						
				3	OM4						
				6	OS1						
				7	OS2						
				<b>j</b>	<b>Sheath Construction</b>						
				PV	PVC						
				LS	LSZH						

D110x-nmjpsc

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## Fiber Optic Cable Breakout Tight-Buffered

**D 1 1 0 x - n m j p s C**

<b>p</b>	<b>Physical Construction</b>
JF	Jelly-Filled
ST	Steel-Tape Armored
RP	Rodent-Proof
FR	Fire-Retardant
0	Not Applicable

<b>s</b>	<b>Specification (for SM)</b>
2D	G.652D
7A	G.657A
7B	G.657B

<b>c</b>	<b>Sheath Color</b>
GR	Grey
BU	Blue
OR	Orange
YW	Yellow
BK	Black

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