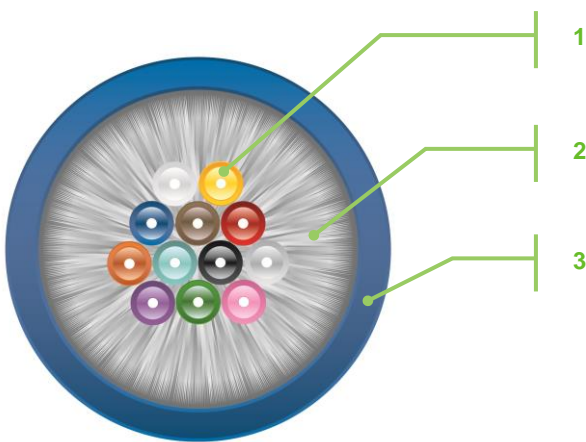**MMC** MultimediaConnect

P/N : MULTI x IE y

Tight buffered mini-breakout fiber cable with glass yarn & LSZH jacket

Color code of the fibers is as per TIA/EIA 598A and IEC 304.

Fiber	Color	Ring	Fiber	Color	Ring
1	Blue	-	13	Blue	Black
2	Orange	-	14	Orange	Black
3	Green	-	15	Green	Black
4	Brown	-	16	Brown	Black
5	Grey	-	17	Grey	Black
6	White	-	18	White	Black
7	Red	-	19	Red	Black
8	black	-	20	black	White*
9	Yellow	-	21	Yellow	Black
10	Purple	-	22	Purple	Black
11	Pink	-	23	Pink	Black
12	Turquoise	-	24	Turquoise	Black

1. Tight buffer optical fiber 900µm
2. Glass yarn with water blocking protection
3. LSZH outer jacket

Applications

This cable can be use indoor or outdoor in a protected environment for short and medium distances.

It's perfect for backbone or distribution application, but can also be used outdoor inside a duct.

Single mode or multimode fibers, meeting or exceeding the pertinent IEC*, ITU and EIA/TIA specifications

Up to 24 tight buffered fibers. Each fiber is enclosed in a 900µm tight buffer made of a thermoplastic polymer coating (1).

Swellable glass yarns (2) are employed for strength members.

An UV stabilized low smoke zero halogen (LSZH) outer jacket (3) is extruded over the cable core.

It has a low rodent protection and medium water tightness and moisture (glass yarn with water blocking protection)

 (*) For more specifications please refer to the document titled « optical performances ».

www.multimedia-connect.fr

MultimediaConnect

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Tight buffered mini-breakout fiber cable with glass yarn & LSZH jacket

Mechanical and environmental properties

No. of Fibers	2	4	6	8	12	24	IEC-60794-1-2	TIA/EIA-455
No. of Tubes	-	-	-	-	-	-		
Nom. Diameter [mm]	5.0	5.6	6.3	7.1	7.6	13		
Nom. Jacket Thickness [mm]	1.0 +-/ 0.2							
Maximum Pulling Load	800 N		1000N		1200N	1400N	E1	33
Minimum Bending Radius	20 x D							
Max. Compressive Loading	1300 N						E3	41
Fire Resistance	IEC 60332-3 and 60332-1							
Smoke emission	IEC 60754-1/2							
Halogen free	IEC 61034-2							
Storage Temperature Range	- 20° C to +70° C							
Operating Temperature Range	- 20° C to +50° C							
Nom. Weight [kg/km]	36	38	46	50	60	78		

Ordering Information

Part number	Description	Jacket color	(m)
MULTI **xx** IE **Y**	xx Fo 62.5/125 OM1 tight buffer indoor/outdoor LSZH	BLUE - RAL 5015	Cut on demand
MULTI **xx** IE 50 **Y**	xx Fo 50/125 OM2 tight buffer indoor/outdoor LSZH	VIOLET - RAL 4005	
MULTI **xx** IE 50OM3 **Y**	xx Fo 50/125 OM3 tight buffer indoor/outdoor LSZH	TURQUOISE - RAL 6027	T1000 - T2000 Standard
MULTI **xx** IE 50OM4 **Y**	xx Fo 50/125 OM4 tight buffer indoor/outdoor LSZH	TURQUOISE - RAL 6027	
MULTI **xx** IE 9125 **Y**	xx Fo 9/125 OS2 tight buffer indoor/outdoor LSZH	YELLOW - RAL 1021	T4000 – T6000 On demand
MULTI **xx** IE G657A2 **Y**	xx Fo 9/125 G657A2 tight buffer indoor/outdoor LSZH	YELLOW - RAL 1021	

Replace **xx** by the number of fibers
Replace **Y** by **C** for Cca classified cable.
Please note that standard cable is D classified, Cca is on request