

Tight Buffered Distribution Cable



Description

Tight buffered internal distribution cables, 2 to 24 fiber, are constructed of 900µm buffered fibers surrounded by E-glass strength members with LSZH material outer jacket.

Features and Benefits

- Choice of fiber type
- High strength E-Glass rodent resistant yarn strength members for ease of handling
- Other jacket colors available on request
- Colour coded fibers, 1 to 12 and 13 to 24 bandmarked
- LSZH jacket available in black
- Easy to strip jacket

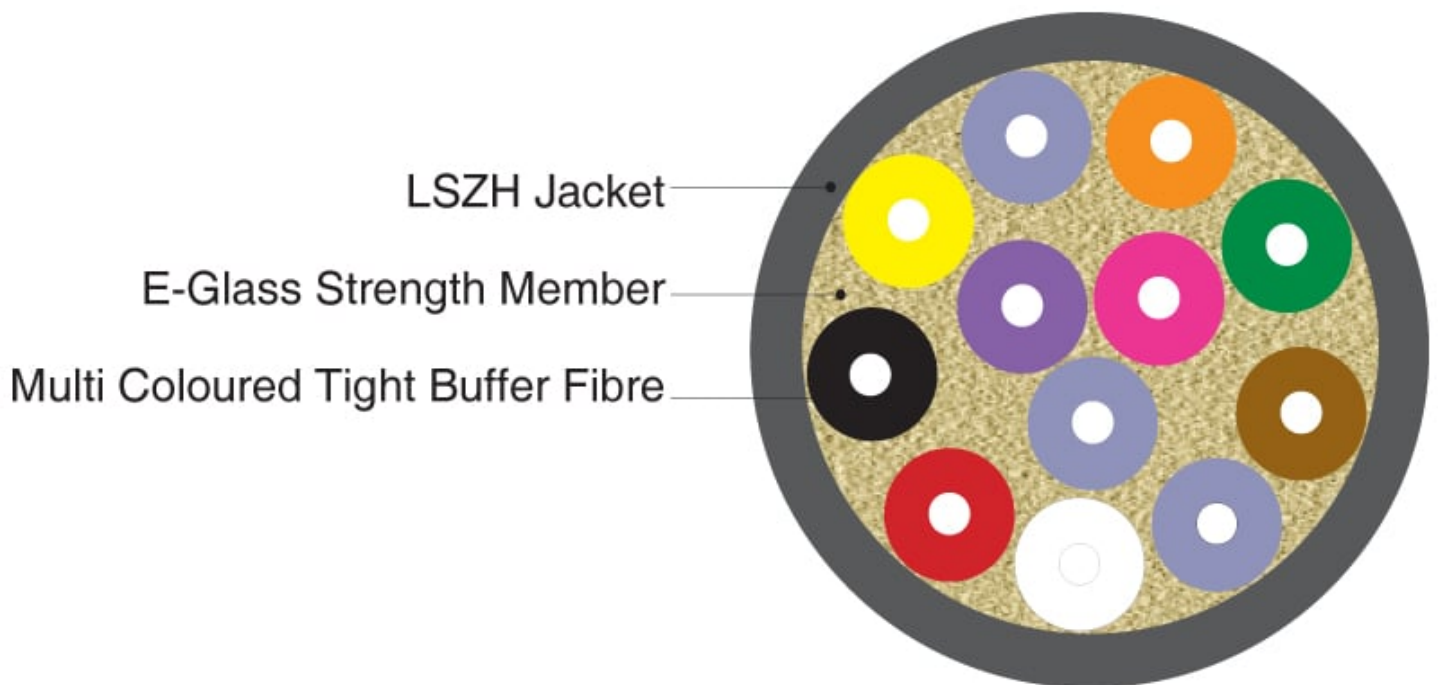
Applications

- Internal cable for installation in trunking, under floor or ceiling spaces
- Not for use where cable is required to meet CPR
- Fiber backbones in riser and horizontal configurations

Specifications

DESCRIPTION	Unit	2-CORE	4-CORE	6-CORE	8-CORE	12-CORE	24-CORE
Outer Diameter	mm	4.0 ± 0.3	4.8 ± 0.3	5.2 ± 0.3	5.8 ± 0.3	6.5 ± 0.3	8.9 ± 0.3
Weight	kg/km	20	26	29	34	40	61
Maximum Tensile Load (installation)	N	600	600	600	750	750	900
Maximum Tensile Load (installed)	N	300	300	300	375	375	450
Minimum Bend Radius (installation)	mm	86	102	110	122	136	184
Minimum Bend Radius (installed)	mm	43	51	55	61	68	92
Fire Performance		LSZH IEC 61034-1&-2, IEC 60332-1, IEC 60754-1, IEC 60754-2					
Operating Temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Storage Temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Installation Temperature	°C	-5~+50	-5~+50	-5~+50	-5~+50	-5~+50	-5~+50
Crush Resistance	N/100 mm	1000	1000	1000	1000	1000	1000

Technical Drawing



Representation of basic design features, only

Ordering Information

PART NUMBER (PN)	DESCRIPTION	PHASING OUT PN
C1BD*J8ZZZ	AFL Hyperscale **f OM1 62.5/125 Int Distribution Cable TB 900µm E-Glass LSZH Black	OM1TB**UBK
C2BD*J8ZZZ	AFL Hyperscale **f OM2 50/125 Int Distribution Cable TB 900µm E-Glass LSZH Black	OM2TB**UBK
C3BD*J8ZZZ	AFL Hyperscale **f OM3 50/125 Int Distribution Cable TB 900µm E-Glass LSZH Black	OM3TB**UBK
C4BD*J8ZZZ	AFL Hyperscale **f OM4 50/125 Int Distribution Cable TB 900µm E-Glass LSZH Black	OM4TB**UBK
C9BD*J8ZZZ	AFL Hyperscale **f G.652D 9/125 Int Distribution Cable TB 900µm E-Glass LSZH Black	OS1TB**UBK
C7BD*J8ZZZ	AFL Hyperscale **f G.657A1 9/125 Int Distribution Cable TB 900µm E-Glass LSZH Black	7A1TB**UBK

Where * is the cable fiber count code for the part number and ** is the cable fiber count for the description

*Fiber count code	** Cable fiber count
2	02
4	04
6	06
8	08
A	12
B	16
C	24

The following table represents colors available, on request, for the cable jacket.

Color name	Blue	Orange	Red	Black	Yellow	Purple	Aqua
Color Code	1	2	7	8	9	A	C
***Color							

***Please note that these colors are for guidance only and may display differently depending on your screen or printer. To order a four fiber single mode cable with red jacket replace J8 in the part number with J7 and change Black in the description to Red. For example - C7BD4J7ZZZ AFL Hyperscale 04f G.657A1 Int Distribution Cable TB 900µm E-Glass LSZH Red

Related Products

