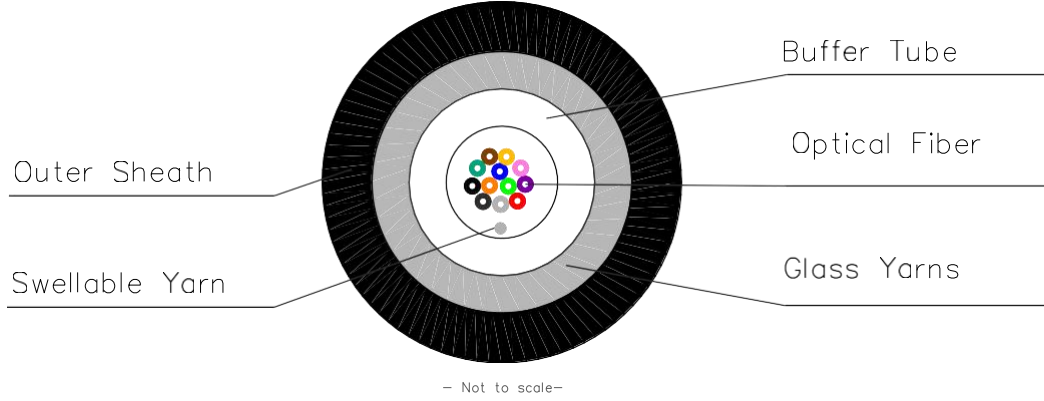


Fiber Optic Universal Cable 4-24F (single/multi)-mode LSZH  
**U-DQ(ZN)BH/B2ca**



- <b>Cable Construction</b>					
- Number of fibers	4	6	8	12	24
- Loose Tubes					
Outer Diameter	2,50 mm ± 3%				3,00 ± 3%
Material	LSZH				
Thickness of PC layer	0,250 mm ± 3%				0,40 mm ± 3%
Thickness of PB layer	0,100 mm ± 3%				
Type of filling compound	Water swellable yarn				
- Peripheral Strength Member					
Material	Glass yarn				
Thickness of glass yarn	0,5 mm ± 3%				0,45 mm ± 3%
- Outer Sheath					
Material	UV stabilized LSZH-FR Compound				
Thickness	1,30 mm ± 0,1				
- Cable diameter	4	6	8	12	24
	6,1 mm ± 0,2				6,5 mm±0,2
- Cable weight	45 ± 10% kg/km				50 ± 10% kg/km

- <b>Mechanical characteristics</b>		
Test	Test Standard	Specified Value
- Tensile Force	IEC 60794-1-2-E1	1000N
- Cable Bend	IEC 60794-1-2-E11	50 mm
- Impact	IEC 60794-1-2-E4	1,5 Nm
- Repeated bending	IEC 60794-1-2-E6	R= 30 mm, 100 N load, 1000 cycles
- Crush Resistance	IEC 60794-1-2-E3	Max. 200 N/cm.
-Torsion	IEC 60794-1-2-E7	Load = 100 N

## Fiber Optic Universal Cable 4-24F (single/multi)-mode LSZH

### U-DQ(ZN)BH/B2ca

<b>- Environmental Characteristics</b>		
Test	Test Standard	Specified Value
- Temperature cycling Operation Storage Installation	IEC 60794-1-2-F1	-20 to + 60 °C -40 to + 70 °C 0 to + 50 °C

<b>- Identification</b>	
- Cable Marking	1m ±1% Intervals in white color with hot foil or ink-jet print.
- Identification of cable <sup>1</sup>	«UPCOM FO CABLE UNIVERSAL 8F G652 D SM LSZH B2ca, S1a, d0, a1 41 Meter MM/YY Drum No» Product description: UPCOM FO CABLE UNIVERSAL 8F G652 D SM LSZH B2ca, S1a, d0, a1 Code designation: U-DQ(ZN)BH/B2ca
- Color of outer sheath <sup>2</sup>	Yellow RAL 1018 or Black RAL 9005 for SM Fibers, Orange RAL 2008 for 62,5/125 and 50/125 fibers Turquoise RAL 6027 for OM3 & OM4 MM fibers,
- Color of buffer tube <sup>2</sup>	Natural
- Color of fibers <sup>2</sup>	1. Red, 2. Green, 3. Yellow, 4. Blue, 5. White, 6. Violet, 7. Orange, 8. Black, 9. Grey, 10. Brown, 11. Pink, 12. Turquoise, 13. Red I, 14. Green I, 15. Yellow I, 16. Blue I, 17. White I, 18. Violet I, 19. Orange I, 20. Natural I, 21. Grey I, 22. Brown I, 23. Pink I, 24. Turquoise I

<sup>1</sup>This inscription is standard imprint. It can be changed according to request.

<sup>2</sup>The other tube, fiber and sheath colors are optional.

<b>- <sup>3</sup>Delivery Information</b>		
- Number of Fibers	4-12 F	24 F
- Drum length/Tolerance <sup>3</sup>	4000 m ± 5%	
- Drum Flange diameter <sup>3</sup>	1000 mm	
- Drum core diameter <sup>3</sup>	580 mm	
- Outside width <sup>3</sup>	780 mm	
- Central hole diameter	85 mm	

<sup>3</sup> Drum dimensions can change depends on cable length on a drum. Standard delivery length is 4 km. Other delivery lengths are optional.

<b>- Transmission characteristics</b>
-Refer to fiber data

Color Code as per IEC 304 or TIA/EIA-598, "Optical Fiber Cable Color Coding upon request

Fiber Optic Universal Cable 4-24F (single/multi)-mode LSZH  
**U-DQ(ZN)BH/B2ca**

Part Number		Ordering Code
OFMAW04XXX	122001	UP-U-DQ(ZN)BH-GDx4-B2ca-YL
	122002	UP-U-DQ(ZN)BH-GDx6-B2ca-YL
OFMAW08XXX	122003	UP-U-DQ(ZN)BH-GDx8-B2ca-YL
OFMAW12XXX	122004	UP-U-DQ(ZN)BH-GDx12-B2ca-YL
OFMAW24XXX	122005	UP-U-DQ(ZN)BH-GDx24-B2ca-YL
	122006	UP-U-DQ(ZN)BH-GA2x4-B2ca-YL
	122007	UP-U-DQ(ZN)BH-GA2x6-B2ca-YL
	122008	UP-U-DQ(ZN)BH-GA2x8-B2ca-YL
	122009	UP-U-DQ(ZN)BH-GA2x12-B2ca-YL
	122010	UP-U-DQ(ZN)BH-GA2x24-B2ca-YL
OFM2W04XXX	122011	UP-U-DQ(ZN)BH-OM2x4-B2ca-OR
	122012	UP-U-DQ(ZN)BH-OM2x6-B2ca-OR
OFM2W08XXX	122013	UP-U-DQ(ZN)BH-OM2x8-B2ca-OR
OFM2W12XXX	122014	UP-U-DQ(ZN)BH-OM2x12-B2ca-OR
OFM2W24XXX	122015	UP-U-DQ(ZN)BH-OM2x24-B2ca-OR
OFM3W04XXX	122016	UP-U-DQ(ZN)BH-OM3x4-B2ca-TQ
	122017	UP-U-DQ(ZN)BH-OM3x6-B2ca-TQ
OFM3W08XXX	122018	UP-U-DQ(ZN)BH-OM3x8-B2ca-TQ
OFM3W12XXX	122019	UP-U-DQ(ZN)BH-OM3x12-B2ca-TQ
OFM3W24XXX	122020	UP-U-DQ(ZN)BH-OM3x24-B2ca-TQ
OFM4W04XXX	122021	UP-U-DQ(ZN)BH-OM4x4-B2ca-TQ
	122022	UP-U-DQ(ZN)BH-OM4x6-B2ca-TQ
OFM4W08XXX	122023	UP-U-DQ(ZN)BH-OM4x8-B2ca-TQ
OFM4W12XXX	122024	UP-U-DQ(ZN)BH-OM4x12-B2ca-TQ
OFM4W24XXX	122025	UP-U-DQ(ZN)BH-OM4x24-B2ca-TQ