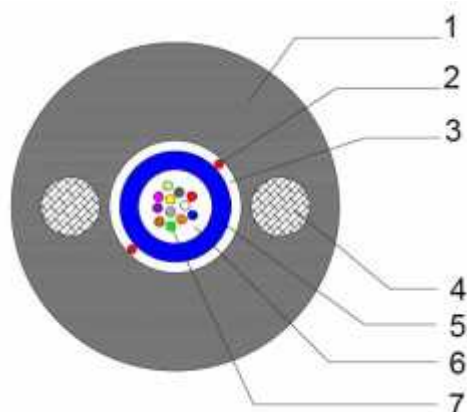


FTTx Outdoor/Indoor Type (Circle)

4-24 FO Single Mode, Single Loose Tube, PE Jacket Drop Cable

Cable Cross Section



Cable Structure

1. Outer PE Sheath
2. Ripcord
3. Peripheral Strength Member (Glass Yarn)
4. Strength Member (FRP 2x0,5mm)
5. Loose Tube (PBT)
6. Tube Filling Compound (thixotropic gel)
7. Optical Fibers (SM G.652D)

Number of Fibers		4	6	8	12	16	24	
Number of Loose Tubes		1 Central Tube						
Loose Tube	-Optical Fibre	ITU-T G.652D						
	-Filling Material	Thixotropic Jell						
	-Tube Material	PBT						
	-Tube Diameter	2,0 ± 0,2mm			3,0 ± 0,2mm			
Peripheral Strength Member		Glass Yarn						
Strength Member		FRP / 2x0,5 ± 0,1mm						
Outer Sheath		MDPE BK / 1,4± 0,2mm						
Nom. Cable	Diameter (mm)	5,2 ± 0,3			6,2 ± 0,3			
	Net Weight (kg/km)	25 ± %5			35 ± %5			
	Drum Length (m)	4.000 ±100						

FTTx Outdoor/Indoor Type (Circle)

Color Details

No.	1	2	3	4	5	6	7	8	9	10	11	12	
Fiber Color	1-12	Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Pink	Aqua
	13-24	Blue + Black Stripe	Orange + Black Stripe	Green + Black Stripe	Brown + Black Stripe	Slate + Black Stripe	White + Black Stripe	Red + Black Stripe	Black + White Stripe	Yellow + Black Stripe	Violet + Black Stripe	Pink + Black Stripe	Aqua + Black Stripe
Tube Color	24	Natural											
Sheath Color	Black UV												
Marking	"0000M CABLE TYPE DRUM NO 0001M "												

Mechanical & Environmental Characteristics

Test	Test Standards	Specified Value
Optical Attenuation	IEC 60793-1-40	≤ 0.36 dB/km ≤ 0.22 dB/km
Tensile Strength	IEC 60794-1-2-E1	500N, 5min
Crush Resistance	IEC 60794-1-2-E3	1000 N/10cm
Min. Bending Radius	IEC 60794-1-2-E11	20xD 15Xd
Impact Resistance	IEC 60794-1-2-E4	5J (5Nm)
Torsion	IEC 60794-1-2-E7	$\pm 180^\circ$
Temperature Range (°C)	IEC 60794-1-2-F1	-20°C to + 50°C -30°C to + 60°C

D : Cable outer diameter

Packing :

- Non-returnable wooden drum, -Strong wooden batten protection,
- Cable ends are accessible for a test

Fiber count



Order Code: DUC-UT1-01X24SM2+2X05FRP+PE

