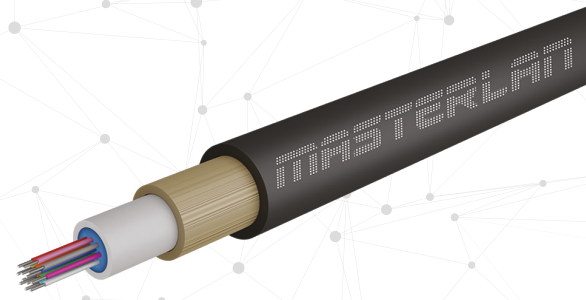


# Fiber Optic Cable

## Masterlan Air1



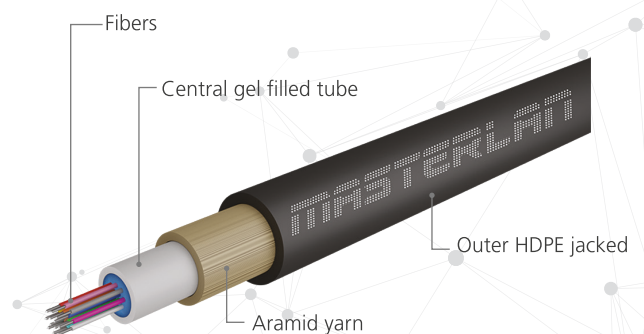
The Masterlan Air1 optical cable is a quality micro CLT cable designed for blowing into microtubes. The optical fibres are stored in a central tube filled with gel.

The centring of the tube is coated with aramid yarn, which works as a tensile member. The cable is black, UV stable hard polyethylene (HDPE) allowing smooth sliding when blowing. All variants of Masterlan Air1 (2-12 fibers) have a diameter of 2.8mm and are therefore suitable for microtubes from a diameter of 3.5mm. Used optical fibers are Corning (G.657.A1).













### Cable structure and specification

Type of fiber	SM 9/125 (Corning G.657.A1)
Number of fibers	2-12
Outer Jacket	HDPE, UV stable, reaction to fire Fca
Strength member	aramid yarn
Filing compound	gel
Working temperature	-30°C to +65 °C
Installation temperature	-10 °C to +60°C
Short-term tensil resistance	80N
Short-term pressure resistance	480N/ 100mmm
Min.Banding radius (short term)	10x D cabel
Min. Banding radius (long term)	20x D cabel
Cable diameter	2,8 mm
Cable weight	7,6 kg/km
Package	2000 m, Polywood reel
Use	outdoor(microtubes)/indoor

Part No.	Description
FAiR2SM2000b	<b>Masterlan Air1 fiber optic cable</b> 2vl 9/125, air-blowen, SM, HDPE, black, G657A1, 2000 m
FAiR4SM2000b	<b>Masterlan Air1 fiber optic cable</b> 4vl 9/125, air-blowen, SM, HDPE, black, G657A1, 2000 m
FAiR8SM2000b	<b>Masterlan Air1 fiber optic cable</b> 8vl 9/125, air-blowen, SM, HDPE, black, G657A1, 2000 m
FAiR12SM2000b	<b>Masterlan Air1 fiber optic cable</b> 12vl 9/125, air-blowen, SM, HDPE, black, G657A1, 2000 m
FAiR2SM1b	<b>Masterlan Air1 fiber optic cable</b> 2vl 9/125, air-blowen, SM, HDPE, black, G657A1, 1 m
FAiR4SM1b	<b>Masterlan Air1 fiber optic cable</b> 4vl 9/125, air-blowen, SM, HDPE, black, G657A1, 1 m
FAiR8SM1b	<b>Masterlan Air1 fiber optic cable</b> 8vl 9/125, air-blowen, SM, HDPE, black, G657A1, 1 m
FAiR12SM1b	<b>Masterlan Air1 fiber optic cable</b> 12vl 9/125, air-blowen, SM, HDPE, black, G657A1, 1 m



The color code of the individual fibers

Sequence	1	2	3	4	5	6	7	8	9	10	11	12
Color	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Aqua
												
Sequence	13	14	15	16	17	18	19	20	21	22	23	24
Color with strip	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Aqua
	