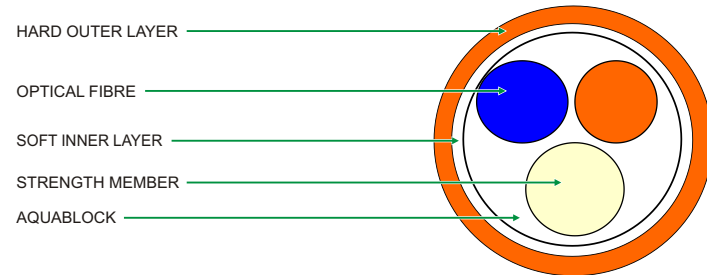




FTTH Cables – Air Blown Type

(A) AIR BLOWN FIBRE CABLE:

The cable is used for blowing into micro ducts. The loose tube contains fibres, aquablock and strength member (ARP rod).

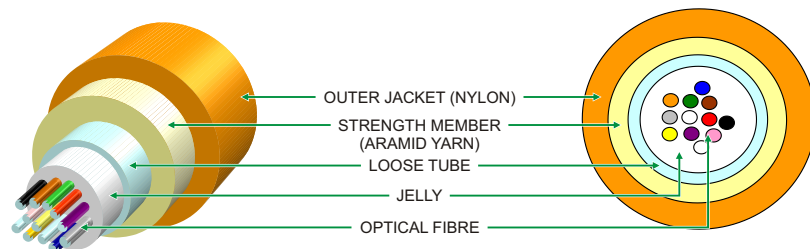


PART NUMBER	FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		BENDING RADIUS (mm)	
				Installation	Operating	Temporary	Permanent
D-2/SM/UT(K)-MFN-O1.7	2F	1.7	2.3	40	20	40	60
D-4/SM/UT(K)-MFN-O1.9	4F	1.9	2.7	40	20	40	60

(B) AIR BLOWN MICRO CABLE UNI TUBE DESIGN:

1. MEDIUM TENSILE STRENGTH

The loose tube containing fibre and jelly is covered with strength member (aramid yarn) and jacketed with Nylon 12 polymer.

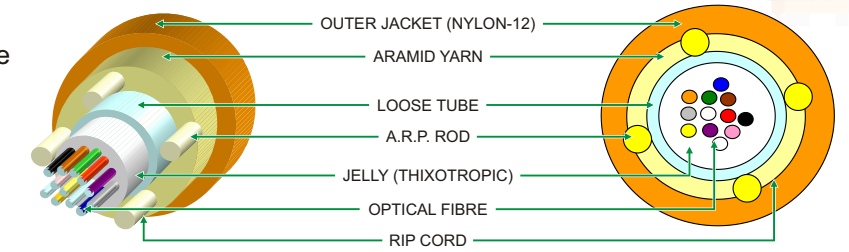


PART NUMBER	FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		BENDING RADIUS (mm)	
				Installation	Operating	Temporary	Permanent
D-4/SM/UT(A)-MFN-O3.3	UPTO 12 FIBRE	3.3	10	600	300	33	66
D-14/SM/UT(A)-MFN-O5.2	14 TO 24 FIBRE	5.2	22	800	400	52	104



2. HIGH TENSILE STRENGTH

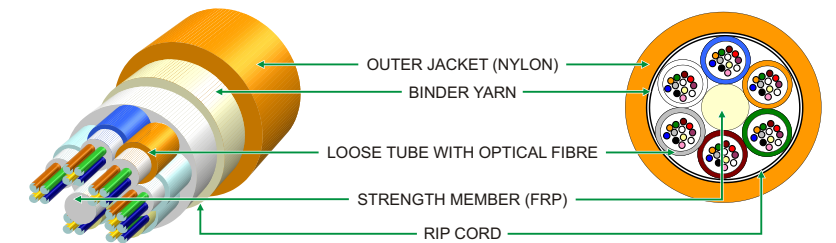
Aramid FRP rods are placed around loose tube to give added rigidity and tensile strength.



PART NUMBER	FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		BENDING RADIUS (mm)	
				Installation	Operating	Temporary	Permanent
D-4/SM/UT(4K & A)-MFN-O3.8	UPTO 12 FIBRE	3.8	11	800	400	38	76
D-14/SM/UT(4K & A)-MFN-O5.6	14 TO 24 FIBRE	5.6	24	1000	500	56	112

(C) AIR BLOWN MICRO CABLE MULTI TUBE DESIGN:

The loose tubes containing fibres and jelly are S-Z stranded around a central strength member and jacketed with nylon 12 material.



PART NUMBER	FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		BENDING RADIUS (mm)	
				Installation	Operating	Temporary	Permanent
D-12/SM/MT(F)-MFN-O5.5	UPTO 48 FIBRE	5.5	26	800	400	55	110
D-50/SM/MT(F)-MFN-O6.3	50 TO 72 FIBRE	6.3	33	1000	500	63	126