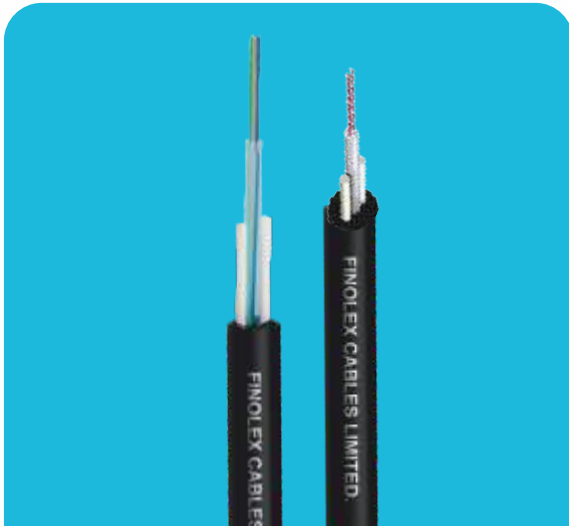


# DUCT CABLES

## UNI-TUBE UNARMoured OPTICAL FIBRE CABLES



### Description

Central Loose tube with thixotropic jelly compound

### Application

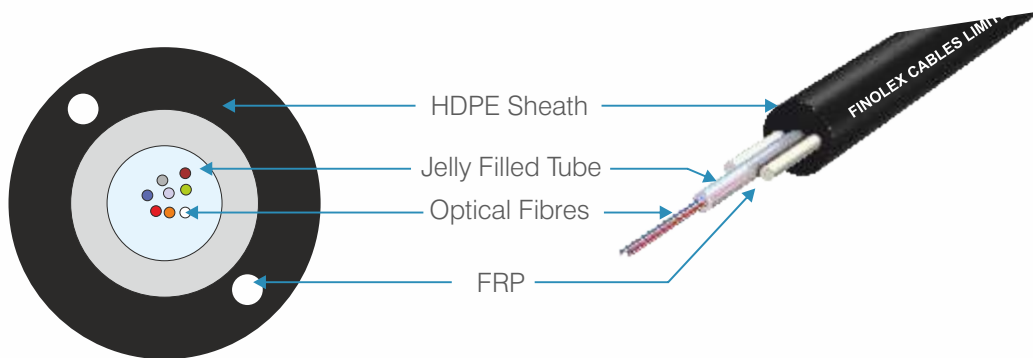
Suitable for Indoor / Outdoor Local Area network System & CATV application

Excellent crush resistant performance, light weight, Compact structure

### Mechanical & Environment Characteristics:

Operating Temperature	-20 deg C to +60 deg C
Storage Temperature	-40 deg C to +60 deg C
Jacket Material	HDPE

Fibre Count	Design	Outer diameter (mm)	Nominal Cable Weight (kg/km)	Pulling Tension IEC 60794-1-2-E1	Crush Load IEC 60794-1-2-E3 (N/100mm)	Bend Radius (mm) IEC 60794-1-2-E11 IEC 60794-1-2-E6
2F to 8F	DMAXE	5.3 ± 0.3	22	400	1000	20D
2F to 8F	DMAXER	6.3 ± 0.3	30	400	1000	20D
24F	DMAX	7.3 ± 0.3	40	400	1000	20D
48F	EDMAX	8.5 ± 0.5	52kgs/km	600	1000	20D



We also offer MFX UA Type design: HDPE / LSZH

### PHYSICAL & DIMENSIONS PROPERTIES

Fibre Count	Outer diameter (mm) HDPE / LSZH	Thickness of Jacket (mm) HDPE / LSZH	Nominal Cable Weight (kg/km) HDPE / LSZH	Pulling Tension IEC 60794-1-2-E1		Crush Load IEC 60794-1-2-E3 (N/100mm)		Bend Radius (mm) IEC 60794-1-2-E11 IEC 60794-1-2-E6	
				Short Term	Long Term	Short Term	Long Term	Short Term	Long Term
2	6.8/6.2 + 0.3	1.6/ 1.4 + 0.2	36/45	1000	500	1000	300	10D	20D
4	6.8/6.2 + 0.3	1.6/ 1.4 + 0.2	36/45	1000	500	1000	300	10D	20D
6	6.8/6.2 + 0.3	1.6/ 1.4 + 0.2	36/45	1000	500	1000	300	10D	20D
12	6.8/6.2 + 0.3	1.6/ 1.4 + 0.2	36/45	1000	500	1000	300	10D	20D
24	7.3/6.7 + 0.3	1.6/ 1.3 + 0.2	38/50	1000	500	1000	300	10D	20D

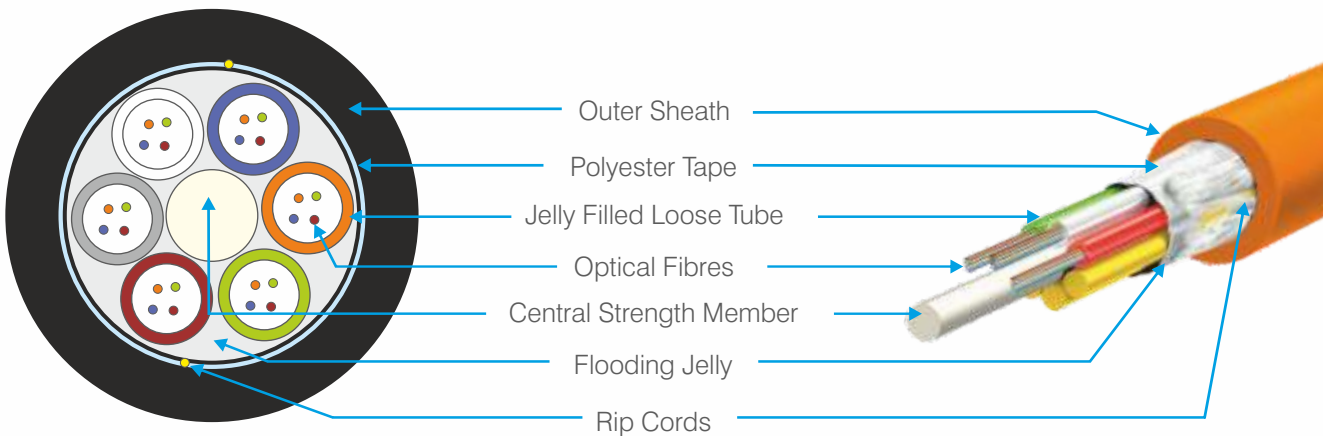
# DUCT CABLES

## MULTITUBE SINGLE SHEATH UNARMoured WET CORE OPTICAL FIBRE CABLES



### Physical & Dimensions Properties

NO. OF FIBRES	4F	6F	12F	24F	48F	72F	96F	144F
STRENGTH MEMBER-FRP	1.8 ± 0.1	1.8 ± 0.1	1.8 ± 0.1	1.8 ± 0.1	2.0 ± 0.1	2.2 ± 0.1	3.5 ± 0.1	Upcoated 6.5±0.1mm
LOOSE TUBE DIAMETER-mm	1.7 ± 0.1	1.7 ± 0.1	1.7 ± 0.1	1.7 ± 0.1	2.0 ± 0.1	2.1 ± 0.1	2.1 ± 0.1	2.1 ± 0.1
NUMBER OF LOOSE TUBE	2	3	3	6	6	6	8	12
NUMBER OF Fibre IN LOOSE TUBE	2	2	4	4	8	12	12	12
NUMBER OF FILLER	4	3	3	0	0	0	0	0
OUTER HDPE JACKET THICK- Nominal (mm)	2	2	2	2	2	2	2	2
CABLE DIAMETER-Nominal (mm)	9.5	9.5	9.5	9.5	10.3	10.7	12	15
CABLE WEGHT-Nominal (mm)	72	72	72	72	88	96	128	156



# DUCT CABLES

## MULTITUBE SINGLE SHEATH UNARMoured DRY CORE OPTICAL FIBRE CABLES



### Physical & Dimensions Properties

NO. OF FIBRES	4F	6F	12F	24F	48F	72F	96F	144F
STRENGTH MEMBER-FRP	1.8 ± 0.1	1.8 ± 0.1	1.8 ± 0.1	1.8 ± 0.1	2.0 ± 0.1	2.2 ± 0.1	3.5 ± 0.1	Upcoated 6.5±0.1mm
LOOSE TUBE DIAMETER-mm	1.7 ± 0.1	1.7 ± 0.1	1.7 ± 0.1	1.7 ± 0.1	2.0 ± 0.1	2.1 ± 0.1	2.1 ± 0.1	2.1 ± 0.1
NUMBER OF LOOSE TUBE	2	3	3	6	6	6	8	12
NUMBER OF FIBRE IN LOOSE TUBE	2	2	4	4	8	12	12	12
NUMBER OF FILLER	4	3	3	0	0	0	0	0
OUTER HDPE JACKET THICK- Nominal (mm)	2	2	2	2	2	2	2	2
CABLE DIAMETER-Nominal (mm)	9.5	9.5	9.5	9.5	10.3	10.7	12	15
CABLE WEIGHT-Nominal (mm)	70	70	70	70	85	93	123	150

