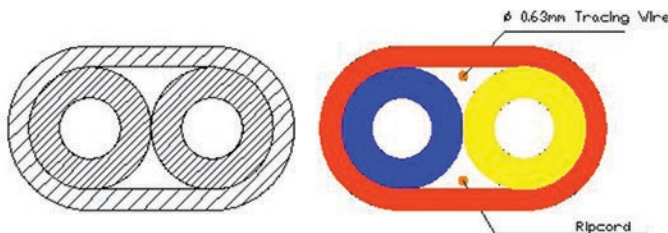


## HDPE Tube Bundle DB Series (2-ways 7/4mm with PE Sheath 1.2mm)

### Application

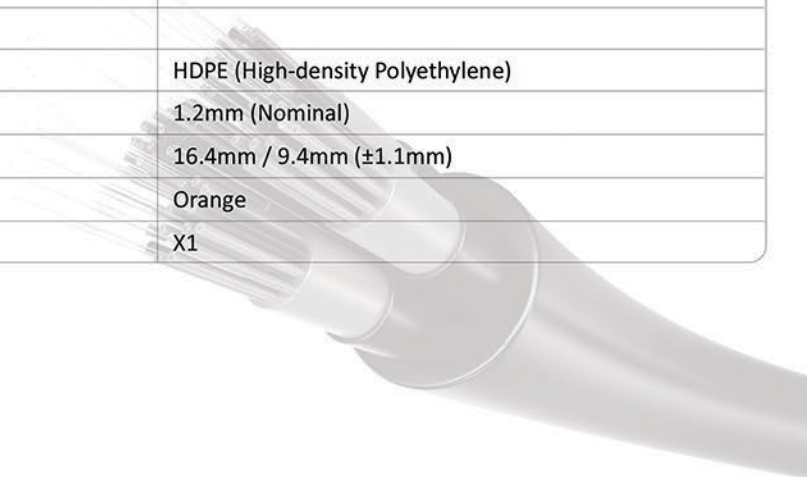
- 1) Developed to be the best solution of direct burial modular-tubes family, featuring a non-metallic construction.
- 2) A bundle of micro- or mini-tubes (regular wall size) is surrounded by single thin HDPE sheath. The design makes the duct assemblies suitable for outdoor direct buried or other existing ducts or cable trays. The micro-ducts are optimized for best cable blowing performance.

### Modular-Tube



### CONSTRUCTION

INNER TUBES	Materials	HDPE (High-density Polyethylene)
	Diameter	7/4 mm
	Color	Red, Green, Fully colored
	Inner surface	Smooth with silicon
	Layer	1
	Numbers	2
	OUTER SHEATH	Materials
Thickness		1.2mm (Nominal)
Diameter		16.4mm / 9.4mm (±1.1mm)
Color		Orange
Ripcord		X1



## HDPE Tube Bundle DB Series (4-way bundle with 2-way 7/4mm & 2-way 8/5mm)

SPECIFICATION				
INDIVIDUAL MICRODUCT				
	Outer dia. (mm)	Wall thickness (mm)	Ovality (%, before coiled)	Max. Pulling force (N)
Microduct $\Phi$ 7/4mm	7.0 ± 0.1	1.5 ± 0.10	≤ 5	350
TUBE BUNDLE				
	UNIT	PROPERTIES		
Weight	Kg/km	99		
Bending radius	mm	150		
Tensile strength	N	980		
Internal pressure	bar	16		
Crush performance	N	2000		
Outdoor exposure limit	Month	6		
Maximum delivery lengths on	m	500, 1000, 2000		
STANDARD				
Crush performance drums	IEC 60794-1-2-E3			
Tensile	IEC 60794-1-2-E1			
Bend	IEC 60794-1-2-E11			
Flexibility	IEC 60794-1-2-E8			
STORAGE				
Completed packages of the HDPE Tube Bundle on drums can be stored outdoor max. 6 months upon the date of production.				
Storage temperature:	-40°C	~	+70°C	
Installation temperature:	-20°C	~	+50°C	
Operating temperature:	-40°C	~	+70°C	

