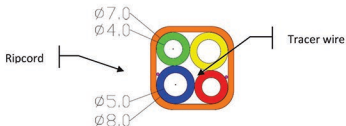


## HDPE Tube Bundle DB Series (4-way bundle with 2-way 7/4mm & 2-way 8/5mm)

### Application

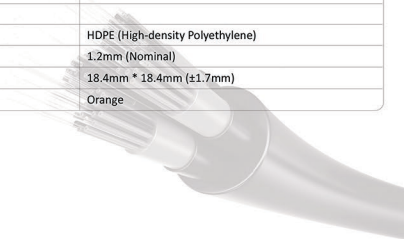
- 1) Developed to be the best solution of direct burial modular-tubes family, featuring a non-metallic construction.
- 2) A bundle of micro- or mini-tubes (regular wall size) is surrounded by single thin HDPE sheath. The design makes the duct assemblies suitable for outdoor direct buried or other existing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

### Modular-Tube



### CONSTRUCTION

INNER TUBES	Materials	HDPE (High-density Polyethylene)
	Diameter	7/4 mm & 8/5 mm
	Color	Red, Blue, Green, Yellow
	Inner surface	Smooth with silicon
	Layer	1
	Numbers	4
OUTER SHEATH	Materials	HDPE (High-density Polyethylene)
	Thickness	1.2mm (Nominal)
	Diameter	18.4mm * 18.4mm (±1.7mm)
	Color	Orange



## 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 $\Phi$ 8/5mm	8.0 ± 0.1	1.5 ± 0.1	≤ 5	330
Microduct $\Phi$ 7/4mm	7.0 ± 0.1	1.5 ± 0.1	≤ 4	330

#### TUBE BUNDLE

	UNIT	PROPERTIES
Weight	Kg/km	210
Bending radius	mm	280
Tensile strength	N	2060
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