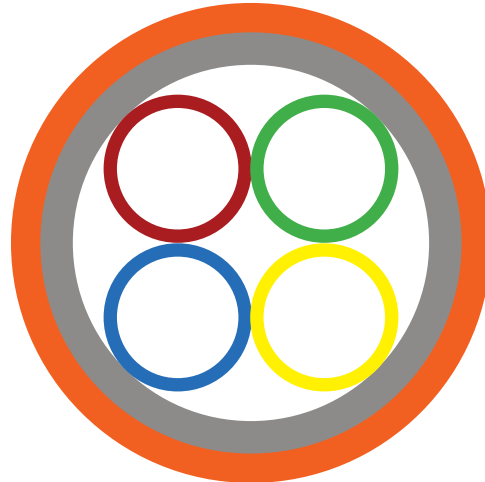


## HDPE Tube Bundle DB Series: 4-ways 12/10mm with PE Sheath 3.4 mm

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**Modular-tube**

#### A Scope

Developed to be the best solution of direct burial modular-tubes family, featuring a non-metallic construction.

A bundle of micro- or mini- tubes (regular wall size) is surrounded by dual HDPE sheath. The design makes the duct assemblies suitable for outdoor direct buried. The microducts are optimized for best cable blowing performance.

#### B Construction

<b>INNER TUBES HDPE</b>	Materials	(High-density Polyethylene)
	Diameter	12/10mm
	Color options	Red, green, yellow, blue (or customized)
	Inner surface	Ribs with silicon
	Layer	1
	Numbers	4
<b>OUTER SHEATH</b>	Materials	HDPE (High-density Polyethylene)
	Thickness	3.4 mm (Nominal)
	Diameter (min./max.)	35.8 mm ( $\pm 1.1$ mm)
	Color	Orange or customized

## B Specification:

### Inner micro duct

Microduct $\Phi 12/10\text{mm}$	Outer dia. (mm)	Wall thickness (mm)	Ovality (% , before coiled)	Max. Pulling force (N)
	$12.0 \pm 0.1$	$1.0 \pm 0.1$	$\leq 5$	575

### Tube bundle:

	UNIT	PROPERTIES
Tensile strength	N	4600
Bending radius	mm	580
Crush performance	N	2000
Impact	J	12
Internal pressure	bar	12

### Storage:

Completed packages of tube bundle on drums can be stored outdoor max. 12 months upon the date of production.

Storage temperature:	-40°C to 70°C
Installation temperature:	-20°C to 50°C
Operating temperature:	-40°C to 70°C