HDPE High Strength Microduct Tube Bundle Direct Install 1-7ways 12/10mm



DIRECT INSTALL HIGH STRENGTH duct is designed for installation duct and sub duct. This product will install in the existed infrastructure with high crush resistance. The thin wall of inner tube can make it easy to bend or fix inside of cabinet or closure. Flexibility of tube is excellent for bending or fixing inside of cabinet or closure. It is strong against lighting, electrical surge.









Optional Features

- Various configurations with different size between 5/3.5mm and 12/10mm (Material : HDPE)
- Wide range of number of inner tube from 1 way to 24+1 way
- Ribbed & Smooth Type
- Rip cords
- Insulated Locatable copper wire

Stresemannstraße 23
10963 Berlin
Tel. 030 65774162
Fax. 030 700143-1359
E-mail: info@voygar.de
www.voygar.com

SPECIFICATION

12/10mm	OD max inch	OD min inch	Sheath Thickness(Inch)	Weight (lbs)	Supported BR (In)	Unsupported BR (in)	Safe Working Pull Strength lbs
1Way	0.59	0.59	0.0585	0.061	6	12	315
2Way	1.06	0.59	0.0585	0.106	11	21	548
4Way	1.30	1.3	0.078	0.208	13	26	1075
7Way	1.58	1.58	0.0819	0.309	16	32	1594

CONSTRUCTION

INNER TUBES	Materials	HDPE (High-density Polyethylene)
	Diameter	9.9 - 10.1mm
	Color options	Fully colored
	Inner surface	Smooth with silicon 0.1mm
OUTER SHEATH	Materials	HDPE (High-density Polyethylene)
	Color	Orange, or customized
	Diameter	11.9 - 12.1 mm
	Wall thickness(mm)	0.9mm

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

Mechanical Performance Test compliance

Tensile Strength	IEC 60794-1-2 Method E1
Bend	IEC 60794-1-2 Method E11
Kink	IEC 60794-1-2 Method E10
Impact	IEC 60794-1-2 Method E4
Crush	IEC 60794-1-2 Method E3
Compliant to	Telcordia GR 3155-CORE

VOYGAR SYSTEMS GmbH has met and maintains the rigorous standards required to become a Certified ISO 9001, ISO 14001.
VOYGAR SYSTEMS GmbH Micro duct Assemblies has been rigorously tested by Telcordia Technologies and found to be compliant to Telcordia GR-3155-CORE.

Ordering Information

P.N	DESCRIPTION
HIHS2101	HDPE High Strength Microduct Tube Bundle Direct Install 1-ways 12/10mm
HIHS2102	HDPE High Strength Microduct Tube Bundle Direct Install 2-ways 12/10mm
HIHS2104	HDPE High Strength Microduct Tube Bundle Direct Install 4-ways 12/10mm
HIHS2107	HDPE High Strength Microduct Tube Bundle Direct Install 7-ways 12/10mm

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