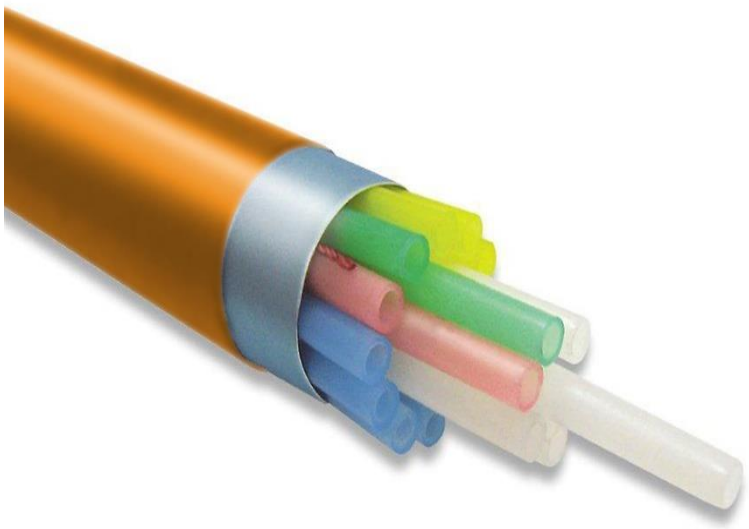
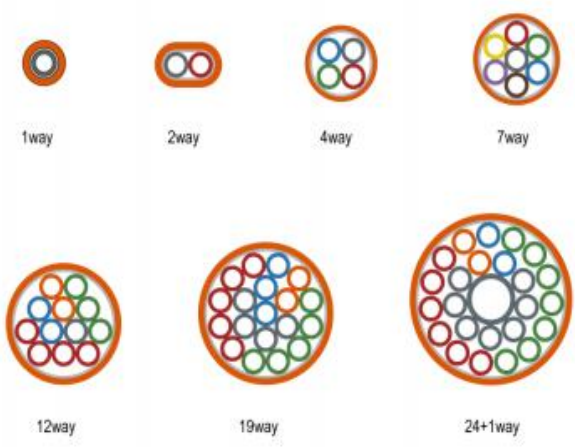
HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Install 1-7ways 12/10mm



DIRECT INSTALL ALUMINUM duct is for installation duct and sub duct. This product will install in the existed infrastructure to maximize DI-AL advantage with the Aluminum tape which helps to block the water from the extreme wet soil condition. It is recommended to earth regular interval with aluminum or use metal free products.







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	0.61	0.61	0.0585	0.077	6	12	399
2Way	1.08	0.61	0.0585	0.129	11	22	666
4Way	1.29	1.29	0.0663	0.225	13	26	1161
7Way	1.57	1.57	0.0663	0.322	16	31	1660

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
HIAL2101	HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Install 1-ways 12/10mm
HIAL2102	HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Install 2-ways 12/10mm
HIAL2104	HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Install 4-ways 12/10mm
HIAL2107	HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Install 7-ways 12/10mm

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