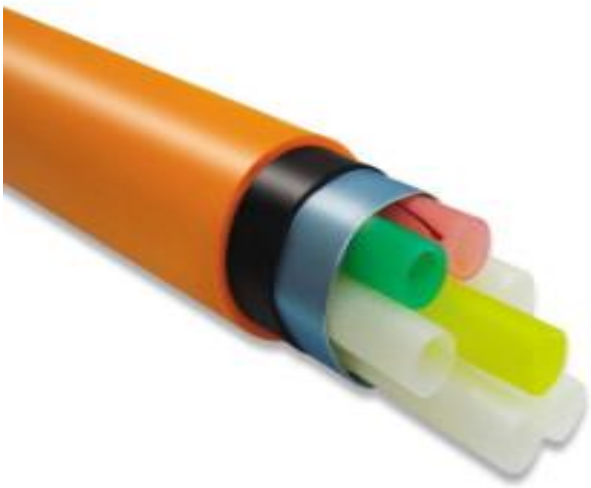
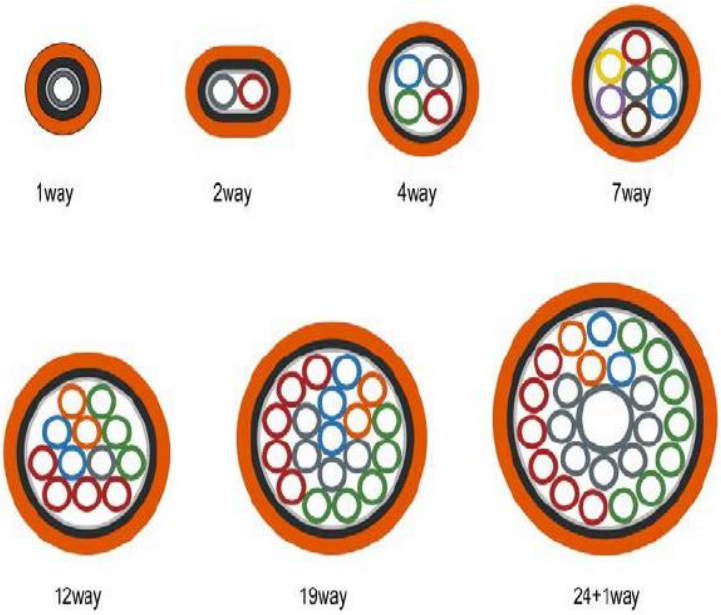
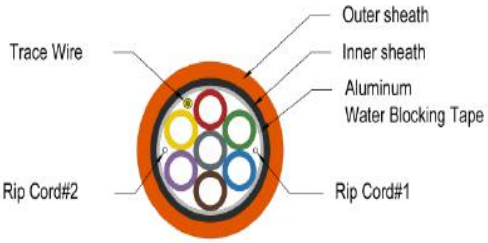
HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Buried 1-7ways 12/10mm



As a Direct buried product, DIRECT BURIED ALUMINUM has the Aluminum tape which helps to block the water from the extreme wet soil condition. The outer sheath is made of rugged PE, providing excellent protection from the physical environment. Thanks to its characteristics, potential damages by crushing, external impact, etc. can be prevented.





Optional Features

- Various configurations with the different size between 5/3.5mm and 12/10mm
- Wide range of the 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	0.76	0.76	0.1365	0.146	8	15	756
2Way	1.24	0.76	0.1365	0.23	8	25	1185
4Way	1.49	1.49	0.1638	0.401	15	30	2073
7Way	1.76	1.76	0.1638	0.534	18	35	2756

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
HBAL2101	HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Buried 1-ways 12/10mm
HBAL2102	HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Buried 2-ways 12/10mm
HBAL2104	HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Buried 4-ways 12/10mm
HBAL2107	HDPE ALUMINIUM TAPE Microduct Tube Bundle Direct Buried 7-ways 12/10mm

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