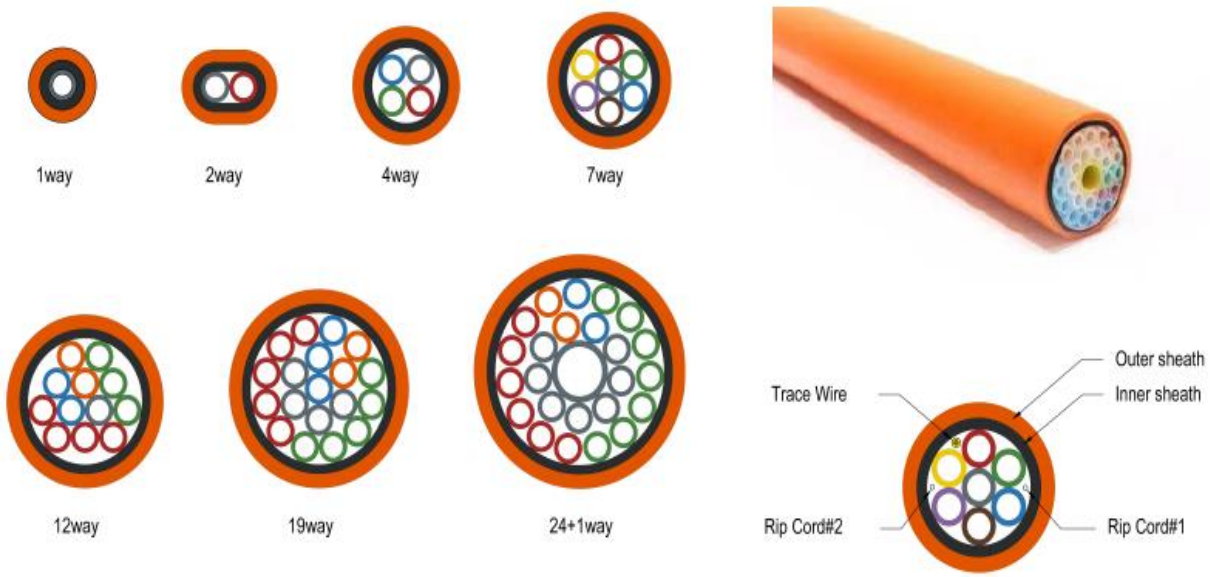
HDPE High Strength Microduct Tube Bundle Direct Buried 1-7ways 12/10mm



DIRECT BURY HIGH STRENGTH duct is designed for high crush resistance from external pressure. The thin inner tube wall can make it easy to bend or fix inside of cabinet/closure. The extra layer (total 2 layers of the outer sheath) is added to protect the thin wall of inner tube from external ground pressure. Flexibility of tube allows bending or fixing inside of cabinet/closure. It is strong against lightning, electrical surge.



Optional Features

- Wide range of number of inner tube from 1 way to 24+1 way
- Ribbed & Smooth Type
- Rip cords
- Insulated Locatable copper wire

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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	0.75	0.75	0.1365	0.13	8	15	669
2Way	1.22	0.75	0.1365	0.205	8	15	1057
4Way	1.43	1.43	0.1443	0.326	14	29	1685
7Way	1.74	1.74	0.1599	0.478	17	35	2468

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
HBHS2101	HDPE High Strength Microduct Tube Bundle Direct Buried 1-ways 12/10mm
HBHS2102	HDPE High Strength Microduct Tube Bundle Direct Buried 2-ways 12/10mm
HBHS2104	HDPE High Strength Microduct Tube Bundle Direct Buried 4-ways 12/10mm
HBHS2107	HDPE High Strength Microduct Tube Bundle Direct Buried 7-ways 12/10mm
HBHS2101	HDPE High Strength Microduct Tube Bundle Direct Buried 1-ways 12/10mm

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