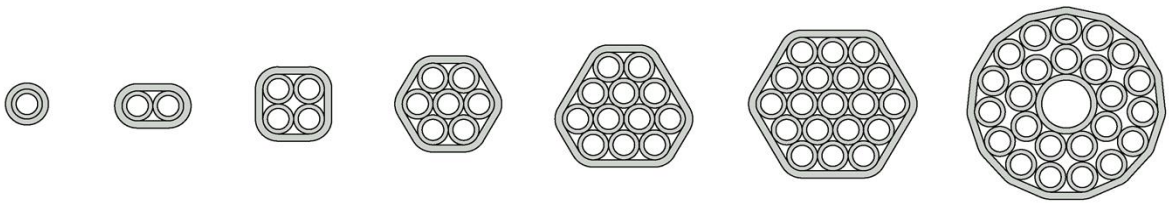
VOYGAR
QUALITY IS OUR CONCERN

LSZH High Strength Microduct Tube Bundle Direct Install 1-7ways 10/8mm



LSZH micro ducts, each with low friction performance are suitable for fiber blowing. The RISER micro duct is surrounded with a sheath of RISER material, giving excellent performance in a fire. The lightweight, metal-free, flexible RISER micro duct is intended for indoor installation.
UL 2024 Standard for Signaling, Optical Fiber and Communications Raceways and Cable Routing Assemblies Riser Listed Certificate
This certification is a requirement for indoor micro duct installations that are placed in the building riser raceway in the USA.
"These requirements cover the following types of signaling raceways, optical fiber raceways and communication raceways and fittings designed for use with signaling, optical fiber and communications
And CATV cables and cable routing assemblies and fittings designed for use with optical fiber, communications, CATV, and network-powered broadband communications cables in accordance with Article 770 of the National Electrical Code (NEC)



Optional Features

- Wide range of number of inner tube from 1 way to 24+1 way
- Ribbed & Smooth Type
- Indoor use with flame retardant properties(IEC 60332 Part 1&3)
- Low smoke emissions
- Contains no Halogens.
- Low friction internal coating for maximum fibre blowing distance

SPECIFICATION

10/8mm	OD max inch	OD min inch	Sheath Thickness(Inch)	Weight (lbs)	Supported BR (In)	Unsupported BR (in)	Safe Working Pull Strength lbs

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10963 Berlin
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1Way	0.49	0.49	0.047	0.070	5	10	116
2Way	0.88	0.49	0.047	0.123	9	18	204
4Way	0.88	0.88	0.047	0.202	9	18	126
7Way	1.28	1.17	0.047	0.309	13	26	159

CONSTRUCTION

INNER TUBES	Materials	LSZH Compound
	Diameter	8mm
	Color options	White or Ivory Colors
	Inner surface	Smooth with silicon 0.1mm
OUTER SHEATH	Materials	LSZH Compound
	Color	White or Ivory Colors
	Diameter	10 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
LIHS1801	LSZH High Strength Micro duct Tube Bundle Direct Install 1-ways 10/8mm
LIHS1802	LSZH High Strength Micro duct Tube Bundle Direct Install 2-ways 10/8mm
LIHS1804	LSZH High Strength Micro duct Tube Bundle Direct Install 4-ways 10/8mm
LIHS1807	LSZH High Strength Micro duct Tube Bundle Direct Install 7-ways 10/8mm