

## MICRODUCTS

# DuraMicro LSHF DI 5/3,5 mm

DuraMicro LSHF (Low Smoke Halogen Free) is a flame retardant solution for indoor networks utilizing Direct Install (DI) applications. Both smooth and ribbed inner lining options are designed for easy cable placement. Suitable for creating new routes and also as a subduct in an existing lines. DuraMicro LSHF is designed for installation directly in the wall or in existing gutter systems.

- Made from Flame Retardant Low Smoke Halogen Free materials
- Pressure resistance minimum 15 bar
- Silicore, permanently lubricated inner lining provides lower inner coefficient of friction (<0.1) for maximum cable blowing length
- Anti-static inner layer reduces friction caused by static electricity build-up during fibre installation
- Quality materials formulated for long-life expectancy
- Available in milky white colour
- Available in smooth or ribbed inner lining
- Size Range: 4 mm - 16 mm Outer Diameter
- Ribbed inner design option from 7 mm up

### COLOR OPTIONS (COLORS MAY VARY) :



RAL color codes shown. Other colour and stripe options available. Please note, for certain color options actual color may vary from RAL color code due to material variations.



### DETAILS

- Footage/Meter Markings
- Direct Install (DI)
- Direct Buried (DB)

### OPTIONS

- Silicore®
- Internal Ribs
- Pre-installed Cable
- Pre-installed Rope

## TECHNICAL SPECIFICATIONS

Product Description	DuraMicro LSHF DI 5/3,5 mm
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### PHYSICAL PROPERTIES

Bend Radius	50 mm
Wall Thickness	0.75 mm
MicroDuct Size (OD/ID)	5/3.5 mm

### GENERAL PRODUCT INFORMATION

Storage Temperature	-40 to 70°C
Installation Temperature	-10 to 50°C
Use Temperature	-40 to 70°C
Interior wall	Smooth, Ribbed
Pre-Lubrication Class	Silicore
UV Stability	0

### PERFORMANCE PROPERTIES

Burst pressure (bar) - Test Method: EN ISO 1167-1, 2	40
Maximum Pulling Force - Test Method: ISO 527-1, 2	100 N
Crush IEC - Test Method: IEC 60794-1-21 method E3A	10 N
Bending Stiffness - Test Method: CWS 103-2015	0.027 N.m <sup>2</sup>
Resistance of Marking	IEC 60794-1-2, Method E2B nr 2
Thermal expansion	$1.6 \times 10^{\exp(-4)} K \exp(-1) K^{-1}$
Thermal Expansion Test Method	ISO 11359-2
Longitudinal reversion Test Method	EN ISO 2505
Flame Test Method 1	DIN 61386-22 (VDE 0605 Part 22):2011-12
Flame Test Method 2	EN ISO 13501
Smoke Test 1 Method	DIN-EN 61034-2
Acidity of Gas Test 1 Method	EN50642

### PACKAGING

Duct Ovality on Drum (After 1 Hour)	5 %
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