

AirWave® Primary Microduct

Introduction

AirWave® Primary Microduct consist of tube with a smooth or ribbed inner surface that enables an air blown installation of micro cables. It provides excellent protection from the physical environment withstanding significant amount of pressure by pulling.



Technical Specification

5/3.5mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of Drums in 40'
Single Tube	5.0	100	10	60	700	2,000	500

8/6mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of Drums in 40'
Single Tube	8.0	200	21	60	700	2,000	104

10/8mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of Drums in 40'
Single Tube	10.0	300	27	120	700	1,000	130

12/10mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of Drums in 40'
Single Tube	12.0	300	33	150	700	2,000	66

7/3.5mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of Drums in 40'
Single Tube	7.0	300	28	90	1,000	2,000	104

12/8mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of Drums in 40'
Single Tube	12.0	700	60	150	1,000	2,000	66

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14/10mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of Drums in 40'
Single Tube	14.0	800	72	170	1,000	2,000	60

16/12mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of Drums in 40'
Single Tube	16.0	1,000	84	200	1,000	1,000	88

20/16mm	Nom. OD (mm)	Max. Tensile (N)	Weight (kg/km)	Bend Radius (mm)	Crush (N)	Length/drum (m)	Number of Drums in 40'
Single Tube	20.0	1,200	108	240	1,000	1,000	30

Mechanical Performance Test compliance

Tensile Strength: IEC 60794-1-21 Method E1
Bend: IEC 60794-1-21 Method E11
Kink: IEC 60794-1-21 Method E10
Impact: IEC 60794-1-21 Method E4
Crush: IEC 60794-1-21 Method E3
Inner Clearance: IEC 60794-5-20 Ann. E

Material

HDPE Inner tube

Packaging

Microduct assemblies are delivered on wooden drum. The drums protected with plastic foil and both ends of the microduct assembly are sealed with glued shrinkage tube to ensure that the product will not be affected by moisture or dust.

Marking

Product code
Product specification
Manufactured code (Lot No. and etc.)
Length marking
Other markings are available upon customer requests.

Ordering Information

Product Code	Microduct Description
LN-AW-PMD-5/3.5-1	Primary micro duct ,1 way , 5/3.5mm
LN-AW-PMD-8/6-1	Primary micro duct ,1 way , 8/6mm
LN-AW-PMD-10/8-1	Primary micro duct ,1 way , 10/8.5mm
LN-AW-PMD-12/10-1	Primary micro duct ,1 way , 12/10mm
LN-AW-PMD-7/3.5-1	Primary micro duct ,1 way , 7/3.5mm
LN-AW-PMD-7/4-1	Primary micro duct ,1 way , 7/4mm
LN-AW-PMD-12/8-1	Primary micro duct ,1 way , 12/8mm
LN-AW-PMD-14/10-1	Primary micro duct ,1 way , 14/10mm
LN-AW-PMD-16/12-1	Primary micro duct ,1 way , 16/12mm
LN-AW-PMD-20/16-1	Primary micro duct ,1 way , 20/16mm

Notice: The data in this document are only reference and will be changed without any notice.
This specification is intended as a guide only.