Air Blown Fiber Unit – KRPM 258 OM3/OM4

Hexatronic Air Blown Fiber

Features

- Extra strong and durable design
- Smooth, low-friction sheath
- 2, 4, 8 or 12 fiber Multi mode OM3 and OM4 fibers
- Extra wide operational temperature range
- Water and Ice tested
- Bulk delivery in PAN
- Pre-connected delivered on REEL
- State of the art blowing performance
- Adapted for the Air Blown Tool

Application

Hexatronic's high performance Air Blown Fiber Unit for the will minimize initial investment and at the same time provide a future proof network that is easy to expand, upgrade and maintain. The main application areas are for fiber access networks such as Fiber To The Home (FTTH).

Hexatronic Air Blown Fiber is optimized for installation into micro/multi-ducts by blowing. For optimum blowing performance, use the Hexatronic Air Blown Toll LTT 179 2011.

Fiber Types

The Hexatronic Air Blown Fiber is designed with durability and performance in mind. The unique design offers a combination of properties previously not available on the market. A sturdy fiber unit with state of the art fiber blowing performance increases the installation success rate and provides quick and problem free installation.

28701-KRPM258 OM3/OM4 Uen Rev B
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Typical Data[1]

Temperature range
Operation ....–25 to +70ºC
Transport and storage ....–45 to +70ºC
Handling and installation ..–15 to +60ºC

Fiber unit type
Diameter (mm) 1.1 (2-4f) 1.25 (6f) 1.4 (8-12f)
Weight (g/m) ....1.0 (2-4f) 1.5(6f) 1.8 (8-12f)

Tensile force,
during installation (N).........5 (2f) 10 (4f) 17.5 (6f)
............20 (8f) 30 (12f)

Water immersion and repeated freeze test
Hexatronic standard test[2] .–25, to +15ºC

Color, sheath
OM3 / OM4 ....Dark blue

Optical fiber cable color codes
S12
TIA-598 (EIA/TIA-598 "Bellcore")

[1] IEC 60794-1-2 F1. Fiber parameters and tests according to the IEC series 60793-2 and 60793-1.
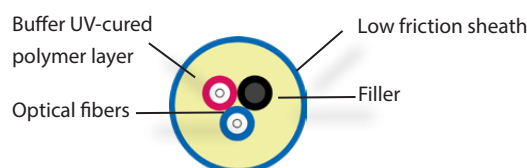
[2] 100 cycles

Installation performance verification
IEC 60794-5-20
Hexatronic standard test track (1000 m)

Design
A 2-fiber unit is shown below. A mechanical filler is used in the 2-fiber unit. The sheath is colored dark blue.

Product No.	Product Name	Tubes/Fibers		Diameter	Weight	For Microducts ID
		No.	Color Code	ø (mm)	kg/km	ø (mm)
KRPM258025/2000M	Air Blown Fiber 2f OM3 50μm, 2000 m	2f	S12	1.1	1.0	2 - 3.5
KRPM258025/4000M	Air Blown Fiber 2f OM3 50μm, 4000 m	2f	S12	1.1	1.0	2 - 3.5
KRPM258025/6000M	Air Blown Fiber 2f OM3 50μm, 6000 m	2f	S12	1.1	1.0	2 - 3.5
KRPM258024/2000M	Air Blown Fiber 4f OM3 50μm, 2000 m	4f	S12	1.1	1.0	2 - 3.5
KRPM258024/4000M	Air Blown Fiber 4f OM3 50μm, 4000 m	4f	S12	1.1	1.0	2 - 3.5
KRPM258024/6000M	Air Blown Fiber 4f OM3 50μm, 6000 m	4f	S12	1.1	1.0	2 - 3.5
KRPM258023/1000M	Air Blown Fiber 12f OM3 50μm, 1000 m	12f	S12	1.4	1.8	2 - 3.5
KRPM258023/2000M	Air Blown Fiber 12f OM3 50μm, 2000 m	12f	S12	1.4	1.8	2 - 3.5
KRPM258023/4000M	Air Blown Fiber 12f OM3 50μm, 4000 m	12f	S12	1.4	1.8	2 - 3.5
KRPM258031/2000M	Air Blown Fiber 2f OM4 50μm, 4000 m	4f	S12	1.1	1.0	2 - 3.5
KRPM258033/1000M	Air Blown Fiber 8f OM4 50μm, 1000 m	8f	S12	1.4	1.8	2 - 3.5
KRPM258033/2000M	Air Blown Fiber 8f OM4 50μm, 2000 m	8f	S12	1.4	1.8	2 - 3.5
KRPM258033/4000M	Air Blown Fiber 8f OM4 50μm, 4000 m	8f	S12	1.4	1.8	2 - 3.5
KRPM258030/1000M	Air Blown Fiber 12f OM4 50μm, 1000 m	12f	S12	1.4	1.8	2 - 3.5
KRPM258030/2000M	Air Blown Fiber 12f OM4 50μm, 2000 m	12f	S12	1.4	1.8	2 - 3.5
KRPM258030/4000M	Air Blown Fiber 12f OM4 50μm, 4000 m	12f	S12	1.4	1.8	2 - 3.5

Color Code Systems

	1	2	3	4	5	6	7	8	9	10	11	12
S12 Fibers	Red	Blue	White	Green	Yellow	Slate	Brown	Black	Violet	Orange	Aqua	Rose

	1	2	3	4	5	6	7	8	9	10	11	12
TIA-598 Fibers	Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Rose	Aqua