

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.



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Typical Data¹⁾

Temperature range

Operation–25 to +70°C

Transport and storage–45 to +70°C

Handling and installation..–15 to +60°C

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 test²⁾. –25, to +15°C

Color, sheath

OM3 / OM4Dark 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

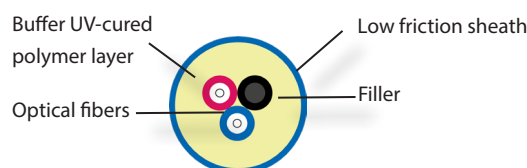
Installation performance verification

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

Product No.	Product Name
RPM258070/30M	ABF 2LC OM4 REEL S12
RPM258070/50M	ABF 2LC OM4 REEL S12
RPM258070/70M	ABF 2LC OM4 REEL S12
RPM258070/100M	ABF 2LC OM4 REEL S12
RPM258070/150M	ABF 2LC OM4 REEL S12
RPM258070/200M	ABF 2LC OM4 REEL S12
RPM258070/250M	ABF 2LC OM4 REEL S12

Product No.	Product Name
RPM258071/30M	ABF 2SC OM4 REEL S12
RPM258071/50M	ABF 2SC OM4 REEL S12
RPM258071/70M	ABF 2SC OM4 REEL S12
RPM258071/100M	ABF 2SC OM4 REEL S12
RPM258071/150M	ABF 2SC OM4 REEL S12
RPM258071/200M	ABF 2SC OM4 REEL S12
RPM258071/250M	ABF 2SC OM4 REEL S12

Insertion loss: max 0.5dB

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
TIA-598 Fibers	Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Rose	Aqua