

FTTx

Micromodule

DW045



According to

- > IEC 11801 2nd Ed.
- > EN 50173 2nd Ed.

Micromodule













As a global manufacturer of telecom products, Prysmian offers the market an integrated set of components, systems, engineering and installations for turn-key projects in the field of Premises, leading the transition from Copper to Fibre Optic.

Applications



Taking into account the upcoming FTTx scenario, PRYSMIAN introduced this new product which becomes more and more popular due to its own peculiarity. A small jelly-filled plastic tube containing up to 4 colored fibres is reinforced by Aramid Yarns and covered with an LSOH sheath. This structure allows the cable to work in an extreme range of Temperature as well as enhancing the handling Resistance. Aimed at maximum flexibility, the FibreWave Line has been developed to contain all types of fibre for basic applications as well as up to the 10Gbit Ethernet, exceeding the requirements of the most common Structured Cabling International Standards - IEC 11801 2nd Ed. - EN50173 2nd Ed.

Afumex[®], the special LSOH Prysmian compound, is attractive where the generation of smoke or toxic emissions is potentially hazardous to people or equipment.

<p>Flame retardant</p>  <p>IEC 60332-1 EN 50265</p>	<p>Fire retardant</p>  <p>IEC 60332-3 EN 50266</p>	<p>HCL</p>  <p>IEC 60754-2 EN 50267</p>	<p>Smokes low</p>  <p>IEC 61034 EN 50268</p>
<p>Crush</p>  <p>≤ 1000 N/dm</p>	<p>Bending</p>  <p>op: ≥ 45 mm inst: ≥ 60 mm</p>	<p>Temperature</p>  <p>op: -20 °C/+70 °C inst: -5 °C/+50 °C sto: -45 °C/+70 °C</p>	<p>Tensile</p>  <p>op: ≤ 200 N inst: ≤ 400 N</p>
<p>All dielectric</p> 	<p>Indoor</p> 	<p>Outdoor</p> 	<p>Rodent</p> 



CONSTRUCTION (NOMINAL VALUES)

DW045

				2 fo	4 fo
Optical Fibre					
Micromodule	Afumex®	blue		850 μ	850 μ
		orange		/	850 μ
Reinforcement				Aramid Yarns	
Outer Sheath	Afumex®	diameter	mm	2,5	3,2
Weight			kg/km	7	10

check the Fibre Sheet

BUILD UP YOUR ORDERING CODE

ibre type	g	f
SMR 9/125	9	9
MM 50/125	5	50
MM 50/125 Hi Band	5H	Hi Band 50
MM 50/125 OM3	OM3	OM3 50
MM 62,5/125	6	62,5
FineLight™	F	FineLight™ 9

ORDERING CODE

cable	code	std colour	std lenght	marking
DW045	DW045 - g - n	Green RAL6018	2000 m	PRYSMIAN DeskWave DW045 g - n ww/yyyy MICROMODULE n f /125 LSOH metric M

ww: production week yyyy: production year n: number of fibres

About Us

Prysmian is a global market leader in optical cables, supplying a major part of the world's optical cable needs. With a strong heritage of highly advanced R&D, Prysmian is at the leading edge of the technology.

With a worldwide manufacturing presence in 12 countries and in 4 continents Prysmian's global experience and local manufacturing capacity is a significant force in the international marketplace, assuring continuity of supply and high level of service.

Prysmian's optical technology encompasses optical fibers, cables, connectivity, projects and services ensuring that not only the right cable but the right total optical communication system is matched to our customers' needs.

Prysmian offers a complete service from design planning, manufacture and installation through to technical support of commissioned cable networks. Planning and surveying are the cornerstone of our operation, with quality maintained through the expertise and dedication of all our staff working across the business to ISO 9001 and 14000 standards.

When a project is in Prysmian's hands, our customers can depend on a total quality service.

Specifications are subject to change without notice. Cable are designed and tested according to the main national and international specifications (IEC specifications).

dega design group