

MULTI LOOSE TUBE

Armoured Single Sheath

According to

DW131
DW132

> IEC 11801 2nd Ed.

> EN 50173 2nd Ed.



1st ISSUE 2006

ARCHITECTS OF LIGHT

OPTICAL

MULTI LOOSE TUBE

Armoured Single Sheath

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

Enhancing the mechanical performance of the unarmoured multi loose tube family, these Corrugated Steel Tape **ARMOURED** cables are aimed at **Indoor/Outdoor** (DW131) or typically Outdoor (DW133) applications, when total **Rodent Resistance** is required. The corrugated Steel Tape works as a very good barrier against water. **Hybrid Solution** allows customization of the cable by having different types of fibres in the different tubes, allowing the installation of only one MultiTube cable instead of two to four Central Loose Tube cables.

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. - EN 50173 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 except DW132</p>	<p>Fire retardant</p>  <p>IEC 60332-3 EN 50266 except DW132</p>	<p>HCL</p>  <p>IEC 60754-2 EN 50267</p>	<p>Smokes low</p>  <p>IEC 61034 EN 50268 except DW132</p>
<p>Crush</p>  <p>≤ 3000 N/dm</p>	<p>Bending</p>  <p>op: ≥ 190 mm inst: ≥ 250 mm</p>	<p>Temperature</p>  <p>op: -30 °C/+70 °C inst: -5 °C/+50 °C sto: -45 °C/+70 °C</p>	<p>Tensile</p>  <p>op: ≤ 1000 N inst: ≤ 2000 N</p>
<p>All dielectric</p> 	<p>Indoor/Outdoor</p>  <p>only DW131</p>	<p>Outdoor</p>  <p>only DW132</p>	<p>Rodent</p> 

DW131-DW132



CONSTRUCTION (NOMINAL VALUES)

				DW131	DW132	
Optical Fibre	for colour see table below			check the Fibre Sheet		
Central strength element	glass rod					
Loose tubes	n° 4 jelly filled tubes*	diameter	mm	2,5	2,5	
Wrapping				yes	yes	
Dielectric armouring	glass yarns			yes	yes	
Wrapping	water blocking tape			yes	yes	
Metallic armouring	corrugated steel tape			yes	yes	
Outer Sheath	Afumex®	diameter	mm	12,5	/	
	Polyethylene	diameter	mm	/	12,5	
Weight				kg/km	170	140

* for colour see table below

BUILD UP YOUR ORDERING CODE

fibre 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
Indoor Outdoor	DW131 - g - n	Green RAL 6018	2000 m	PRYSMIAN DeskWave DW131 g - n ww/yyyy INDOOR-OUTDOOR ARMoured MULTI TUBE LSOH n f /125 metric M
Outdoor	DW132 - g - n	Black	2000 m	PRYSMIAN DeskWave DW132 g - n ww/yyyy OUTDOOR ARMoured MULTI TUBE n f /125 metric M

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

FIBER COLOUR CODE

1 red	4 brown	7 black	10 turquoise
2 green	5 blue	8 pink	11 white
3 yellow	6 violet	9 orange	12 grey

TUBE COLOUR CODE

1 blue	3 red
2 yellow	4 white

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