

# OPTICAL



TIGHT BUFFERED

## Simplex-Duplex

DW01\*  
DW02\*  
DW030

According to

> IEC 11801 2<sup>nd</sup> Ed.

> EN 50173 2<sup>nd</sup> Ed.



1<sup>st</sup> ISSUE 2006

ARCHITECTS OF LIGHT

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## Simplex-Duplex

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



DW01\*

DW02\*

DW030

This classic **SIMPLEX - DUPLEX** and **ZIPCORD** configuration is designed for typical **Work Area** and **FTTx** applications. Also suitable for patchcords and work station connections, its Aramid Yarn Reinforcement allows easy & safe handling.

Beside the classic **Silicon + Nylon Tight Buffering** design, the patented **Tetracoat®** version allows faster and cleaner connection inside the ceramic ferrule. A fully LSOH **EASY STRIP** version allows easier automated harnessing.

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 2<sup>nd</sup> Ed. - EN 50173 2<sup>nd</sup> Ed.**

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

Flame retardant



IEC 60332-1  
EN 50265

Fire retardant



IEC 60332-3  
EN 50266

HCL



IEC 60754-2  
EN 50267

Smokes



IEC 61034  
EN 50268

Crush



≤ 1500 N/dm

Bending



op: ≥ 30 mm  
inst: ≥ 50 mm

Temperature



op: -20 °C/+70 °C  
inst: -5 °C/+50 °C  
sto: -45 °C/+70 °C

Tensile



**DW01\***  
op: ≤ 150 N  
inst: ≤ 300 N  
**DW02\*-030**  
op: ≤ 300 N  
inst: ≤ 600 N

All dielectric



Indoor



Outdoor



Rodent





## CONSTRUCTION (NOMINAL VALUES)

	DW01*	DW02*	DW01*	DW02*	DW030				
Optical Fibre	Tight buffered	Tight buffered	Easy-strip	Easy-strip					
Tight buffer Tetracoat®	900 μ (**)	900 μ (**)	/	/	900 μ				
Tight buffer Silicon + Nylon	900 μ (**)	900 μ (**)	/	/	/				
Semi-tight buffer LSOH	/	/	900 μ	900 μ	/				
Reinforcement			Aramid Yarns						
Outer sheath			Afumex®						
Outer diameter & weight									
Tight buffered	DW010	DW011	DW012	DW013	DW020	DW021	DW022	DW023	DW030
Easy-strip	DW015	DW016		DW017	DW025	DW026		DW027	
mm	2,5	2,8	1,6	2,0	2,5x5,2	2,8x5,8	1,6x3,4	2,0x4,2	4,0x6,5
kg/km	6	7	4	5	12	14	8	10	30

\*\* 600 μ for DW 012-DW 022

## 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
Simplex TETRACOAT®	DW010 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW010-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
Simplex TETRACOAT®	DW011 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW011-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
Simplex TETRACOAT®	DW012 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW012-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
Simplex TETRACOAT®	DW013 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW013-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
ZipCord TETRACOAT®	DW020 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW020-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
ZipCord TETRACOAT®	DW021 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW021-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
ZipCord TETRACOAT®	DW022 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW022-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
ZipCord TETRACOAT®	DW023 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW023-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
Simplex NYLON+SILICON	DW0105 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW0105-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
Simplex NYLON+SILICON	DW0115 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW0115-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
Simplex NYLON+SILICON	DW0125 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW0125-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
Simplex NYLON+SILICON	DW0135 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW0135-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
ZipCord NYLON+SILICON	DW0205 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW0205-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
ZipCord NYLON+SILICON	DW0215 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW0215-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
ZipCord NYLON+SILICON	DW0225 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW0225-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
ZipCord NYLON+SILICON	DW0235 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW0235-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
Simplex EASY STRIP	DW015 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW015-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
Simplex EASY STRIP	DW016 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW016-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
Simplex EASY STRIP	DW017 - g - 1	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW017-g-1 ww/yyyy SIMPLEX 1 f /125 LSOH metric M
ZipCord EASY STRIP	DW025 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW025-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
ZipCord EASY STRIP	DW026 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW026-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
ZipCord EASY STRIP	DW027 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW027-g-2 ww/yyyy ZIPCORD 2 f /125 LSOH metric M
Duplex	DW030 - g - 2	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW030-g-2 ww/yyyy DUPLEX 2 f /125 LSOH metric M

ww: production week

yyyy: production year

## 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