



TIGHT BUFFERED

Breakout

According to

DW035
DW036

> IEC 11801 2nd Ed.

> EN 50173 2nd Ed.



Breakout

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



This **BREAKOUT** cable, designed for **CED & Building BackBone** applications, is suitable for multi-patchcords and work station connections. Made by assembling Simplex DW01* units, the high protection of each fibre enables easy & safe handling against Work Area hazards.

Beside the classic **Silicon + Nylon Tight Buffering** design, the patented **Tetracoat®** version allows faster and cleaner connection inside the ceramic ferrule.

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.

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



≤ 2000 N/dm

Bending



op: ≥ 10 x o.d.
inst: ≥ 15 x o.d.

Temperature



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

Tensile



see table on the back

All dielectric



Indoor



Outdoor



Rodent





CONSTRUCTION (NOMINAL VALUES)

DW035

DW036

Optical Fibre		check the Fibre Sheet									
Simplex Unit											
	Tight buffer Tetracoat®			900 μ	900 μ						
	Tight buffer Silicon + Nylon			900 μ	900 μ						
	Unit diameter	mm	2,5		2,0						
Outer Sheath		Afumex®									
Outer diameter & weight											
		4 fo		6 fo		8 fo		12 fo		24 fo	
		mm	kg/km	mm	kg/km	mm	kg/km	mm	kg/km	mm	kg/km
DW035		8,7	88	11,0	125	12,5	160	15,7	255	18,0	325
DW036		8,2	68	9,2	88	10,7	117	13,1	178	15,3	227

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
DW035 TETRACOAT®	(Unit 2,5 mm) DW035 - g - n	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW035 g - n ww/yyyy BREAKOUT n f /125 LSOH metric M
DW036 TETRACOAT®	(Unit 2,0 mm) DW036 - g - n	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW036 g - n ww/yyyy BREAKOUT n f /125 LSOH metric M
DW035 NYLON + SILICON	(Unit 2,5 mm) DW035S - g - n	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW035S g - n ww/yyyy BREAKOUT n f /125 LSOH metric M
DW036 NYLON + SILICON	(Unit 2,0 mm) DW036S - g - n	Orange RAL2004	2000 m	PRYSMIAN DeskWave DW036S g - n ww/yyyy BREAKOUT n f /125 LSOH metric M

ww: production week

yyyy: production year

n: number of fibres

TRACTION

maximum allowed Tensile Strength (N)

	4 fo		6 fo		8 fo		12 fo		24 fo	
	op	inst	op	inst	op	inst	op	inst	op	inst
DW035	550	1100	600	1250	660	1320	830	1650	1100	1950
DW036	550	1100	660	1250	660	1320	830	1650	1100	1950

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