



Optical distribution Frame

The R&M **ODF** is an **Optical Distribution Frame** and the abbreviation stands for an entire modular distribution system which has been specifically designed to set up optical network infrastructures. The CombiMODULE is one of the three core ODF MODULES. It constitutes a splice-patch solution and is designed for use in various applications. Assembled from the splice MODULE and the patch MODULE as a complete unit, it is available as left, right, empty or fully populated version. It is ideal for loose tube cables and blow-in applications, they can be set up and managed easily and reliably. Plus, the snap-in fastening system ensures a fast and safe installation of all ODF MODULES, without requiring additional tools.

Technical data

Criteria		Date / value
SpliceMODULE & PatchMODULE	Material	Plastic, ABS/PC
	Color	Anthracite gray/RAL 7016
Fiber guide inlet	Material	Plastic, ABS/PC
	Color	Light gray/RAL 7035
Mounting plate blow-in	Material	Plastic, ABS/PC
	Color	Light gray/RAL 7035
Patch insert	Material	Steel 1.5 mm, powder coated
	Color	Light gray/RAL 7035
Side cover	Material	Steel, blue zinc-coated
Module and cover fastening	Material	Steel, blue zinc-coated
Housing	Protection class	IP20
CombiMODULE empty	Weight net	6.8 kg
	Weight packed	8.2 kg
CombiMODULE fully assembled	Weight net	10.0 kg
	Weight packed	11.4 kg
Packaging size	H x W x D (mm)	300 x 560 x 560 (mm)

Standards

Standard	Description
IEC 61300-2-1, IEC 61300-2-9	Vibration- and shock testing operation conditions
IEC 60068-2-64, IEC 60068-2-7	Vibration- and shock testing transport
EN 60529	Housing protection
IEC 60068-2-2, IEC 60068-2-1	Climate testing
IEC 61300-2-22, IEC 61300-2-19	Change of temperature and damp heat

Mechanical characteristics

Criteria	Date / value
Light weight construction	90% plastic and 10% steel
High stability and resistance	Plastic- steel construction

Environmental characteristics

Criteria	Date / value
Operation temperature	-25°C up to +70°C
Transport and store temperature	-40°C up to +85°C

Assembling variants

CombiMODULE	Date / value
Max. number Splice trays	
SC tray 6/12 fibers (SCM)	48
SE tray 24 fibers (SCM)	24
Max. number Patch insert	
12 x LC Duplex (24 fibers)	12
24 x LC Duplex (48 fibers)	12
24 x SC Simplex (24 fibers)	12
24 x SCRJ (24 fibers)	12
24 x E2000 compact (24 fibers)	12
Max. number fibers splice & patch connections	576
Max. number cable entries	
5mm tubes	72

Mounting possibility

Stand-alone (wall mounting), cross connection cabinet etc.

Cabinet-ODF-900x300x2200mm, 900x300x1800mm, 900x300x1200mm, 900x300x700mm

Cabinet-ODF-600x300x2200mm, 600x300x1800mm

Dimensions CombiMODULE

