



2 mm duplex installation cable

Optical fibre

SMT 10/125/900 μm
 GKT 62,5/125/900 μm
 OM3T 50/125/900 μm

Strength member

Installation cable FMS 1 (2mm)

Halogen free sheath, nominal thickness 0,30 mm

- yellow colour with SMT-fibres
- green colour with GKT and OM3T-fibres

Halogen free outer sheath, nominal thickness 0,70 mm

- yellow colour with SMT-fibres
- green colour with GKT and OM3T-fibres

Cable characteristics:

Tensile strength	200 N	EN 187000 method 501
Crush strength / 100 mm (plate)	1500 N	EN 187000 method 504
Crush strength / 25 mm (mandrel)	150 N	EN 187000 method 504
Impact strength, R=300 mm	20 J	EN 187000 method 505
Min bending radius	40 mm during installation 25 mm in final bending	
Nominal cable \varnothing	3,7 x 5,7 mm	
Cable weight	21 kg/km	
Min installation temperature	-15 °C	
Operating temperature range	-20...+60 °C	
Fire performance	Flame retardant/fire retardant	IEC 60332-1
	Halogenity	< 5 mg/g IEC 60754-1
	Acidity of combustion gases	pH > 4,3 IEC 60754-2
	Conductivity of combustion gases	< 10 $\mu\text{S}/\text{mm}$ IEC 60754-2
	Smoke emission density	
	Light transmission	> 60 % IEC 61034-1;2

Identification

Lot number, cable type, cable size, production month, year, manufacturer's name and meter marking printed on the sheath

Standard cable types:

FMMS 2 SMT (2 mm)	FMMS 2 GKT (2 mm)	FMMS 2 OM3T (2 mm)
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Other types on request.