FMS

2 mm HF installation cable

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

Strength member

Halogen free sheath, nominal thickness 0,30 mm
- yellow colour with SMT-fibres
- green colour with GKT-fibres

Cable characteristics:

Tensile strength	100 N		EN 187000 method 501
Crush strength / 100 mm (plate)	1250 N		EN 187000 method 504
Crush strength / 25 mm (mandrel)	100 N		EN 187000 method 504
Impact strength, R=300 mm	15 J		EN 187000 method 505
Min bending radius	40 mm during installation 25 mm in final bending		
Nominal cable ∅	1,95 mm		
Cable weight	3,6 kg/km		
Min installation temperature	-15 °C		
Operating temperature range	-45...+70 °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	< 10µS/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:		
FMS 1 SMT (2 mm)	FMS 1 GKT (2 mm)	FMS 1 OM3T (2 mm)

Other types on request.