



2,9 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 0,6 mm

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

Cable characteristics:

Tensile strength	175/350 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	20 J	EN 187000 method 505
Min bending radius	40 mm during installation 25 mm in final bending	
Nominal cable ∅	2,9 x 6,0 mm	
Cable weight	16,4 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 (2,9 mm)	FMS 1 GKT (2,9 mm)	FMS 1 OM3T (2,9 mm)
FMS 2 SMT (2,9 mm)	FMS 2 GKT (2,9 mm)	FMS 2 OM3T (2,9 mm)

Other types on request.