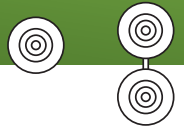


# FMS



<b>OPTICAL FIBER</b>	SMT 10/125/900 $\mu\text{m}$ GKT 62.5/125/900 $\mu\text{m}$ OM3T 50/125/900 $\mu\text{m}$ OM4T 50/125/900 $\mu\text{m}$
<b>INSTALLATION CABLE UNIT</b>	1 (2 mm) / FMS 2 (2 mm) FMS 2 with separation neck
<b>SHEATH</b>	LSZH Thermoplastic Standard colour yellow (SMT fibers) Standard colour green (GKT, OM3T and OM4T fibers)
<b>REFERENCE STANDARD</b>	Helkama specification

## APPLICATION

Halogen-free installation cable.

## PHYSICAL PROPERTIES:

	FMS1	FMS2	Unit	Mechanical test
<b>TENSILE STRENGTH</b>	100	200	N	EN 187000 method 501
<b>CRUSH STRENGTH/ 100 mm (PLATE)</b>	1250	1250	N	EN 187000 method 504
<b>CRUSH STRENGTH/ 25 mm (MANDREL)</b>	100	100	N	EN 187000 method 504
<b>IMPACT STRENGTH</b>	15	15	J	EN 187000 method 505
<b>MIN. BENDING RADIUS (installation/fixed)</b>	20/12.5 x $\emptyset$			
<b>NOMINAL OUTER <math>\emptyset</math></b>	1.95	1.95 x 4.0 mm		
<b>CABLE WEIGHT</b>	3.6	7.2	kg/km	

## MAIN CHARACTERISTICS:

<b>FIRE PERFORMANCE</b>	IEC 60332-1-2
<b>HALOGEN-FREE</b>	IEC 60754-1
<b>ACIDITY OF COMBUSTION GASES</b>	IEC 60754-2
<b>CONDUCTIVITY OF COMBUSTION GASES</b>	IEC 60754-2
<b>SMOKE EMISSION</b>	IEC 61034 series
<b>MIN. INSTALLATION TEMPERATURE</b>	-15 °C
<b>OPERATING TEMPERATURE</b>	-45 - 70 °C

**FMS 1 / FMS 2**

<b>Part number</b>	<b>Cable type</b>
10806	FMS 1 SMT (2 mm)
13722	FMS 1 GKT (2 mm)
13726	FMS 1 OM3T (2 mm)
---	FMS 1 OM4T (2 mm)
10807	FMS 2 SMT (2 mm)
13723	FMS 2 GKT (2 mm)
13727	FMS 2 OM3T (2 mm)
---	FMS 2 OM4T (2 mm)

Other types on request