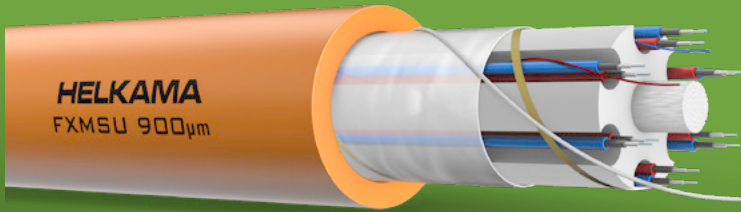


# FXMSU 900 $\mu\text{m}$



		Max 12 fibers	Unit
<b>CENTRAL ELEMENT, GLASS FIBER</b>		2.6	Ø mm
<b>PP-SLOTTED CORE</b>		9.0	Ø mm
<b>OPTICAL FIBERS</b>		900	Ø $\mu\text{m}$
<b>WRAPPING</b>	Aramid binding yarn		
<b>WATER BLOCKING</b>	Water swellable tape		
<b>SHEATH</b>	LSZH Thermoplastic Standard colour orange or black		
<b>REFERENCE STANDARD</b>	Helkama specification		

## APPLICATION

Halogen-free optical fiber cable with 900  $\mu\text{m}$  tight-buffered fiber for indoor/outdoor application.

## PHYSICAL PROPERTIES:

	Max 12 fibers	Unit	Mechanical test
<b>TENSILE STRENGTH</b>	1150	N	EN 187000 method 501
<b>CRUSH STRENGTH/ 100 mm (PLATE)</b>	4000	N	EN 187000 method 504
<b>CRUSH STRENGTH/ 25 mm (MANDREL)</b>	1000	N	EN 187000 method 504
<b>IMPACT STRENGTH</b>	30	J	EN 187000 method 505
<b>LONGITUDINAL WATER TIGHTNESS</b>			EN 18700 method 605B
<b>MIN. BENDING RADIUS (installation/fixed)</b>	15/10 x Ø		
<b>NOMINAL OUTER Ø</b>	12.4	mm	
<b>CABLE WEIGHT</b>	124	kg/km	

## MAIN CHARACTERISTICS:

<b>FIRE PERFORMANCE</b>	Eca IEC 60332-1-2 IEC 60332-3-22
<b>UV RESISTANCE</b>	UL1581 section 1200
<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

FXMSU 900  $\mu\text{m}$ 

Part number	Cable type	Colour
10044	FXMSU 900 $\mu\text{m}$ 3 x 2 SMT	Orange
10046	FXMSU 900 $\mu\text{m}$ 4 x 2 SMT	Black
10047	FXMSU 900 $\mu\text{m}$ 5 x 2 SMT	Black
10048	FXMSU 900 $\mu\text{m}$ 6 x 2 SMT	Orange
10049	FXMSU 900 $\mu\text{m}$ 6 x 2 SMT	Black
14501	FXMSU 900 $\mu\text{m}$ 1 x 2 GKT	Orange
14502	FXMSU 900 $\mu\text{m}$ 2 x 2 GKT	Orange
14503	FXMSU 900 $\mu\text{m}$ 2 x 2 OM3T	Black
14504	FXMSU 900 $\mu\text{m}$ 4 x 2 GKT	Orange
14505	FXMSU 900 $\mu\text{m}$ 4 x 2 OM3T	Orange
14506	FXMSU 900 $\mu\text{m}$ 6 x 2 GKT	Orange
14507	FXMSU 900 $\mu\text{m}$ 5 x 2 GKT	Orange
14509	FXMSU 900 $\mu\text{m}$ 5 x 2 OM3T	Black
14511	FXMSU 900 $\mu\text{m}$ 4 x 2 OM3T	Black
14513	FXMSU 900 $\mu\text{m}$ 6 x 2 OM3T	Orange
14516	FXMSU 900 $\mu\text{m}$ 2 x 2 OM3T	Orange
14520	FXMSU 900 $\mu\text{m}$ 2 x 2 SMT + 2 x 2 OM3T	Black
14522	FXMSU 900 $\mu\text{m}$ 2 x 2 SMT + 4 x 2 GKT	Orange

Other types on request