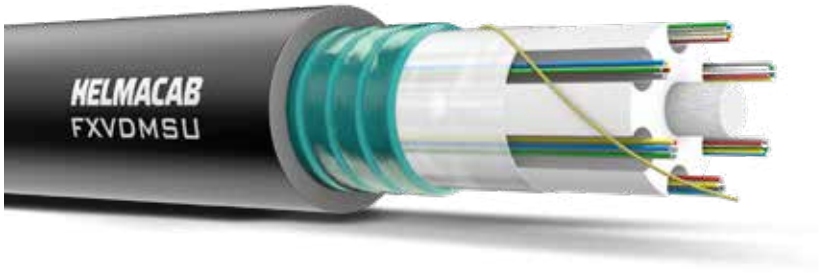


FXVDMSU



	Max 36 fibers	Max 48 fibers	Unit
CENTRAL ELEMENT, GLASS FIBER	3.3	3.3	Ø mm
PP-SLOTTED CORE	8.0	9.5	Ø mm
OPTICAL FIBERS	250	250	Ø µm
WRAPPING	Aramid binding yarn		
WATER BLOCKING	Water swellable tape Corrugated steel tape		
SHEATH	UV-protected and Halogen-free polyolefin plastic Standard colour black Other colours on request		
REFERENCE STANDARD	Helmacab specification		

APPLICATION

Optical fiber cable for indoor/outdoor application and installation in marine, offshore and industrial use.

PHYSICAL PROPERTIES

	Max 36 fibers	Max 48 fibers	Unit	Mechanical test
TENSILE STRENGTH	2500	2500	N	IEC 60794-1-2 E1
CRUSH STRENGTH/ 100 MM (plate)	7000	7000	N	IEC 60794-1-2 E3
CRUSH STRENGTH/ 25 MM (mandrel)	1500	1500	N	IEC 60794-1-2 E3
IMPACT STRENGTH	50	50	J	IEC 60794-1-2 E4
MIN. BENDING RADIUS (installation/fixed)	270/200	300/230	mm	
NOMINAL OUTER Ø	13.5	15.0	mm	
CABLE WEIGHT	180	210	kg/km	
MARINE TYPE APPROVALS	BV, DNV, RINA			

MAIN CHARACTERISTICS

FLAME-RETARDANT	IEC 60332-1-2 IEC 60332-3-22
HALOGEN-FREE	IEC 60754 series
SMOKE EMISSION	IEC 61034 series
MIN. INSTALLATION TEMPERATURE	-15 °C
OPERATING TEMPERATURE	-30 - 70 °C

FXVDMSU	
Part number	Cable type
14705	FXVDMSU 1X6 SML
14704	FXVDMSU 2X6 SML
14710	FXVDMSU 4X6 SML
14730	FXVDMSU 8X6 SML
14752	FXVDMSU 2X6 SML+3X4 OM3L
14754	FXVDMSU 2X6 SML+3X4 OM4L
14756	FXVDMSU 2X6 SML+4X6 OM4L
14706	FXVDMSU 1X6 OM3L
14733	FXVDMSU 4X4 OM3L
14734	FXVDMSU 4X6 OM3L
14707	FXVDMSU 3X4 OM4L
14708	FXVDMSU 6X4 OM4L

Other types on request