

Multiriser System – Fiber to the Antenna



CABLE TECHNICAL CHARACTERISTICS

FIBER COUNT		12
FIBER TYPE		ITU-T G.657A2
CORE/CLADDING DIAMETER		9/125 µm
FIBER COATING		Acrylate 250 µm
TIGHT BUFFER	<i>Diameter</i>	900 µm ±50 µm
	<i>Material</i>	LSZH
INSERTION LOSS (Typical)	@ 1310 nm	≤0,36 dB/km
	@ 1550 nm	≤0,22 dB/km
CABLE DIAMETER		8.4mm
JACKET MATERIAL		LSZH
CPR CLASSIFICATION		EN 50575:2016 Cca-s1a,d0,a1
JACKET COLOUR		Black, UV resistant
JACKET THICKNESS		1.5 mm (nom.)
ARMOURING		Glass yarns
WORKING TEMPERATURE		-20°C to +60°C
BENDING RADIUS	<i>Inst.</i>	20×OD
	<i>Op.</i>	10×OD
CRUSH RESISTANCE	<i>Inst.</i>	1000N/100mm
	<i>Op.</i>	1000N/100mm
TENSILE STRENGTH	<i>Inst.</i>	1500N
	<i>Op.</i>	500N

ENCLOSURE TECHNICAL CHARACTERISTICS

CONNECTOR TYPE		ODVA LC/UPC (Multifiber system) - LC/UPC Simplex
CONNECTOR MATERIAL		Plastic material UL94-V0
CONNECTOR COLOUR		Blue (LC/UPC) - Black (ODVA)
ENCLOSURE MATERIAL		Plastic material UL94-V0, Black
ENCLOSURE WATERPROOF RATING		IP67
MATING CYCLE	<i>Connector</i>	500 cycles max
	<i>Enclosure</i>	500 cycles max
ENCLOSURE PORT NUMBER		6 or 8 with color code

CABLE ASSEMBLY PERFORMANCE

INSERTION LOSS (Av.)	@ 1310 nm	<0.36dB+0.25 dB/Km ×length
	@ 1550 nm	<0.22dB+0.36 dB/Km ×length
RETURN LOSS	@ 1550 nm	-50dB max.
OPERATING TEMPERATURE		-20 to +60°C
TOLERANCE		+200mm/ -0

HAR&CA p/n

H-MR-6ODVA-SX/LCU/xxm

Description

Multifiber cabling system, SM 6 connectors ODVA/LCU –LCU Simplex
L=xx m

