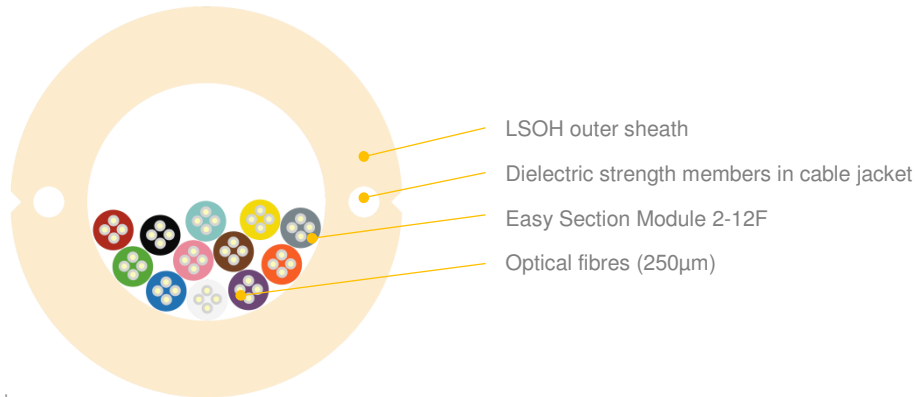


Type:	EAC-RAM	REV: 2.3
Issued:	08/11/2018	AM
Modified:	19/09/2019	AM

Easy Access, single LSOH jacket cable with retractable Easy Section Modules - EAC-RAM



*schematic drawing, not to scale

APPLICATION:

Distribution cable
For laying in risers
FTTH feeder
Easy access and installation

STRUCTURE AND COMPOSITION:

FRP strength members inside cable jacket
Optical fibres in bundles
1-24 elements in cable
LSOH outer jacket (white by default, various colour possible)

BASIC CABLE PARAMETERS:

Version	Quantity [pcs]		Ø nominal (±0,3) [mm]	Nominal weight (±10%) [kg/km]	Tensile strength [N]
	Fibres	Modules			ε=0,6% Δα≤0,1 dB, reversible
2F Easy Section Modules	2-24	1-12	8,7	69	400
	26-48	13-24	12,0	106	600
4F Easy Section Modules	2-48	1-12	8,7	70	400
	52-60	13-15	10,5	85	400
	64-96	16-24	12,0	110	600
6F Easy Section Modules	6-48	1-8	8,7	75	400
	54-72	9-12	10,5	112	400
	78-108	13-18	12,0	130	600
	114-132	19-22	13,0	164	600
8F Easy Section Modules	138-144	23-24	14,5	195	600
	8-32	1-4	8,7	67	400
12F Easy Section Modules	40-96	5-12	10,5	90	400
	12-48	1-4	8,7	70	400
12F Easy Section Modules	60-96	5-8	10,5	90	400
	108-144	9-12	12,0	115	600
	156-192	13-16	14,5	185	600
	204-288	17-24	16,5	225	800
Other designs on demand					

Type:	EAC-RAM	REV: 2.3
Issued:	08/11/2018	AM
Modified:	19/09/2019	AM

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Tensile strength	As provided in upper table	IEC 60794-1-21-E1, $\Delta\alpha\leq 0,1$ dB/km, reversible
Crush performance:	1000 [N/10 cm]	IEC 60794-1-21-E3, $\Delta\alpha\leq 0,1$ dB, reversible, no damage
Bending radius:	15 x D	IEC 60794-1-21-E11, no fibre damage
Repeated bending	20 x D	IEC 60794-1-21-E6, no fibre damage, no visible jacket damage
Impact	1[J]; 3 impacts, 500[mm]	IEC 60794-1-21-E4, $\Delta\alpha\leq 0,1$ dB, reversible
Flexing	20 x D, 100 cycles	IEC 60794-1-21-E8, no fibre damage, no visible jacket damage
Torsion	40[N] / ± 180 [°] / 10 cycles	IEC 60794-1-21-E7, $\Delta\alpha\leq 0,1$ dB (@1550nm)
Kink	20 x D	IEC 60794-1-21-E10, no breakdown
Temperature range:	Installation: -5... +60 [°C] Operation: -10... +60 [°C] Transport & Storage: -40... +70 [°C]	IEC 60794-1-22-F1, $\Delta\alpha\leq 0,05$ dB/km, reversible
CPR Class	D _{CA} .s2d0a1	EN 50575:2014+A1:2016

(* values for single-mode fibres, all optical measurements performed at 1550nm)

OPTICAL FIBRES AND LOOSE TUBES COLOUR IDENTIFICATION

Fibres and tubes identification information see **DSH_Colors_CODE_XXXX** document.

FIBRES PARAMETERS

Optical fibres parameters see **DSH_OFFP** document.

MARKING

The following print is applied at 1-meter intervals.

- Supplier: FIBRAIN
- Standard code (Product type, fibre type, fibre count)
- Year of manufacture: xxxx
- Length marking in meters
- Cable ID / Drum No

Example: FIBRAIN EAC-RAM 12F SM 2M6F G657A2 FTTH CABLE "YEAR OF MANUFACTURE" "LASER SYMBOL" "LENGTH MARKING" "BATCH NUMBER"

The accuracy of marking is $\pm 0.5\%$. Remarking is in accordance with Bellcore GR 20 and supersedes earlier markings. Occasional loss of marking is possible. Cables can be supplied with a range of single mode or multimode fibres and customized print.

PACKAGING

Cables will be shipped on disposable wooden or treated wooden drums. Both ends of the cable will be capped and accessible for testing. Rotation direction arrow will be marked on the drum together with identification information.

DELIVERY LENGTH

2000 – 8000 meters $\pm 5\%$, with possibility of supplying up to 5% of total contract quantity as short length cables which should be above 1000 meters long. Tolerance of 5 % of order quantity shall be allowed.