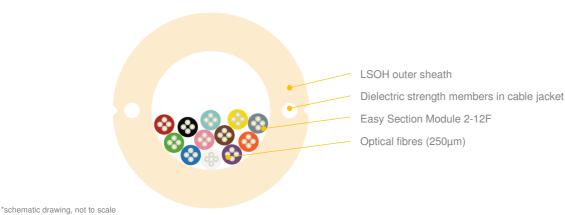


Туре:	EAC-RAm	REV: 0
Issued:	23/11/2021	KP
Project:	079-21	

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





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 available)

BASIC CABLE PARAMETERS:

Version	Quantity [pcs]		Ø nominal		Tensile strength
	Fibres	Modules	(±0,3) [mm]	Nominal weight (±10%) [kg/km]	[N] ε≤0,6% Δα≤0,1 dB, reversible
	2-24	1-12	8,7	69	400
2F Easy Section Modules	26-30	13-15	10,5	83	400
	32-48	16-24	12,0	106	600
	2-48	1-12	8,7	70	400
4F Easy Section Modules	52-60	13-15	10,5	85	400
	64-96	16-24	12,0	110	600
	6-48	1-8	8,7	75	400
6F Easy Section Modules	54-72	9-12	10,5	112	400
	78-96	13-16	12,0	130	600
OF Fooy Coation Modules	8-32	1-4	8,7	67	400
8F 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
	·	Other designs on	demand		



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MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Tensile strength As provided in upper table IEC 60794-1-21-E1, ∆α≤0,1 dB/km, reversible

Crush performance: 1000 [N/10 cm] IEC 60794-1-21-E3, Δα≤0,1 dB, reversible, no damage

Bending radius: 15 x D IEC 60794-1-21-E11, no fibre damage

20 x D Repeated bending IEC 60794-1-21-E6, no fibre damage, no visible jacket damage

1[J]; 3 impacts, 500[mm] IEC 60794-1-21-E4, Δα≤0,1 dB, reversible Impact

20 x D, 100 cycles IEC 60794-1-21-E8, no fibre damage, no visible jacket damage Flexing

40[N] / ±180[°] / 10 cycles Torsion IEC 60794-1-21-E7, Δα≤0,1 dB (@1550nm)

20 x D Kink IEC 60794-1-21-E10, no breakdown

IEC 60794-1-22-F1, Δα≤0,05 dB/km, reversible

-5... +60 [°C] Temperature range: Installation:

-10... +60 [°C] Operation: Transport & Storage: -40... +70 [°C]

CPR Class D_{CA}-s2d0a1 EN 50575:2014+A1:2016

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

OPTICAL FIBRE AND MODULES COLOUR IDENTIFICATION

For optical fibres and modules identification information please see DSH_Colors_CODE_XXXX document.

FIBRE PARAMETERS

For selected post-production optical fibres parameters please see DSH_OFP document.

MARKING

The following print is applied at 1 meter intervals:

Variants

- [Length] GIGAMEDIA 12FO [fibres per tube] G657A2 INTER ZH DCA [Week/Year]
- GIGAMEDIA 12F [fibres per tube] G657A2 RISER CABLE LSZH [Week/Year] 00001m

Examples:

- 00001m GIGAMEDIA 12FO 12F/T G657A2 INTER ZH DCA 08/2019 a.
- GIGAMEDIA 12F M6 G657A2 RISER CABLE LSZH 08/2019 00001m

The accuracy of marking is ± 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.

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 ± 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.

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