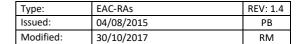
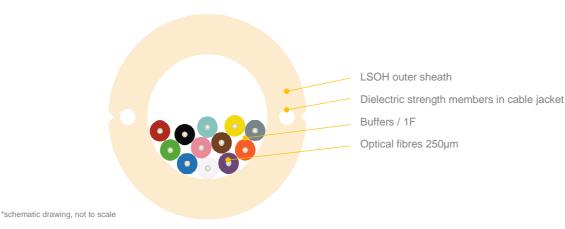
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Easy Access Single LSOH Jacket Cable with Retractable Buffers - EAC-RAs





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 900µm buffers 2-48 elements in cable LSOH outer jacket (white by default, various colours available)

IEC 60794-1-2-F1. Δα≤0.05 dB/km. reversible

BASIC CABLE PARAMETERS:

	Quantity [pcs]				Tensile
Version	Fibres	Buffers	Ø nominal (±0,3) [mm]	Nominal weight (±10%) [kg/km]	strength [N] ε=0,6% Δα≤0,1 dB, reversible
1F buffers					
8F	8	8	8,7	68	400
12F	12	12	8,7	72	400
16F	16	16	12,0	98	600
24F	24	24	12,0	106	600
36F	36	36	14,5	194	600
48F	48	48	15,5	216	600

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Tensile strength As provided in upper table IEC 60794-1-2-E1A / IEC 60794-1-2-E1B (@1550nm)

1000 [N/10 cm] Crush performance: IEC 60794-1-2-E3, ∆α≤0,1 dB, reversible, no damage

Bending radius: Static: 15 x D (10 cycles, 6 turns) Dynamic: 20 x D

IEC 60794-1-2-E11, no fibre damage

Impact 12,5mm; 1J; 3 impacts;

500mm between IEC 60794-1-2-E4, Δα≤0,1 dB, reversible

20 x D, 25 cycles, 4kg Repeated bending IEC 60794-1-2-E6, no fibre damage, no visible jacket damages Flexing 20 x D, 2kg, 100 cycles IEC 60794-1-2-E8, no fibre damage, no visible jacket damages

Torsion Distance: 125 x D, 40N, 10 cycles IEC 60794-1-2-E7, Δα≤0,1 dB (@1550nm)

Kink 20 x D IEC 60794-1-2-E10, no breakdown

Temperature range: Installation: -5... +55 [°C] -20... +70 [°C] Operation:

Transport & Storage: -40... +70 [°C]

(*) 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.



Туре:	EAC-RAs	REV: 1.4		
Issued:	04/08/2015			
Modified:	30/10/2017	RM		

FIBRES PARAMETERS

Optical fibres parameters see **DSH_OFP** 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-RAS 12F SM 12T1F 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.

PACKING

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 LENGTHS

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.