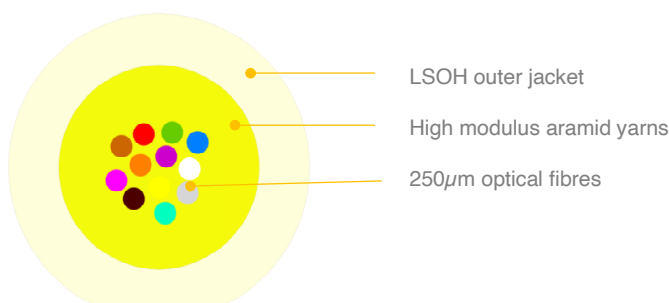


Single jacket LSOH cable with aramid yarns reinforcement DC-PRIM



*schematic drawing, not to scale

APPLICATION

Customer connection
Fully dielectric
LAN and FTTX networks

DESIGN

LSOH outer jacket
Aramid yarns reinforcement
250µm optical fibres

VARIANT

Variant	Ø nominal (±5%)	Fibres	Nominal weight (±10%)	Max short term load	Max long term load
	[mm]	[pcs]	[kg/km]	[N]	[N]
12F	3,0	12	8	350	150

TECHNICAL AND ENVIRONMENTAL CABLE CHARACTERISTICS

Test	Specification	Conditions		Requirements
Tensile strength	IEC60794-1-21 Method E1	Short term load: 350N		Δα reversible
		Long term load: 150N		Δα≤0,1 dB/km
Crush resistance	IEC60794-1-21 Method E3	Load: 150N/10cm		Δα reversible No jacket cracking and fibre breakage
Bending	IEC60794-1-21 Method E11	Radius: 45mm No. of turns: 4		Δα≤0.05dB (after test) No jacket cracking and fibre breakage
Temperature range	IEC60794-1-22 Method F1	Installation:	-5... +55 [°C]	Δα≤0,1 dB/km, reversible
		Operation:	-10... +70 [°C]	
		Transport & Storage:	-20... +70 [°C]	Δα reversible

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

(**) On request, tests according to EN 50575:2014+A1:2016 can be carried out to determine the reaction to fire behaviour classification.

OPTICAL FIBRES AND LOOSE TUBES COLOUR IDENTIFICATION

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

FIBRES PARAMETERS

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

MARKING

The following print (inkjet printer) is applied at 1-meter intervals:

FIBRAIN DC-PRIM "TOTAL FIBRE COUNT" "FIBRE TYPE" FTTH DROP CABLE LSOH "YEAR OF MANUFACTURE" "LASER SYMBOL"
"LENGTH MARKING" "BATCH
NUMBER"

Example FIBRAIN DC-PRIM 12F SM G657A1 FTTH DROP CABLE LSOH 2024 □— 00001M 12345/1

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.

Type:	DC-PRIM	REV: 2.6
Issued:	14/03/2014	SK
Modified:	07/03/2024	NJ

OUTER JACKET COLOURS OPTIONS

Jacket colour	Ivory	Yellow	White	Blue	Orange	Green	Aqua	Violet
RAL	1015	1021	9010	5015	2003	6018	6027	4003

PACKING

Cables are shipped on disposable plywood drums. Both ends of the cable are capped and at least one is accessible for testing. Identification information is placed on a drum. Typical spool length is 4000 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.

This document and the statements contained in it are not intended for customers within the meaning of the Civil Code. The information submitted in this document is to our knowledge and belief true at the time of issue, however, we do not assume any liability whatsoever for its accuracy, and completeness. This document is for informational purposes on an "as is" basis only and reserves the right to change its contents at any time without prior notice. The specification cannot, in any case, be considered an offer within the meaning of the Civil Code and is not contractually valid unless specifically authorized. Before using this product, its buyer and/or user has to make sure that it is suitable for the intended use. All liability issues related to this product are subjected to the seller's separate Terms of Sale or the terms and conditions agreed with the representative or distributor.