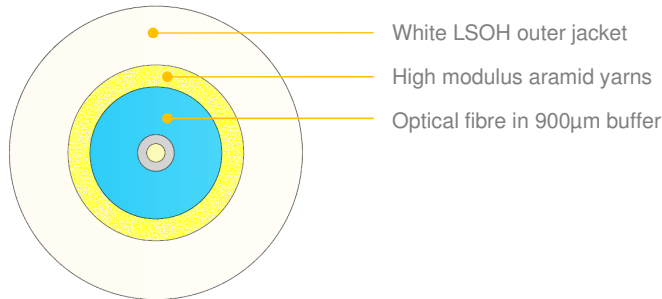


Type:	VC-D30 Resibend Plus	REV: 2.0
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FTTH Single Jacket LSOH Minibreakout 1F 900um – Drop Cable with Aramid Strength Members VC-D30 RESIBEND PLUS[®]



APPLICATION

Optical cable with aramid yarns reinforcement
Customer connection
Fully dielectric
Last mile connection
LAN and FTTX networks
Distribution network
ODF connections
Inside house OLT connection

DESIGN

Optical fibre inside 900µm semi tight or easy strip buffers
White LSOH outer jacket (RAL 9010)
Aramid yarns reinforcement

CONFIGURATION

Number of fibres	[pcs]	1F 900µm
Outer diameter	[mm]	3,0
Tensile load permanent / installation	[N]	60 / 170
Weight	[kg/km]	8

TECHNICAL AND ENVIRONMENTAL CABLE CHARACTERISTICS

Max tensile load short term	IEC 60794-1-21-E1, $\Delta\alpha\leq 0,05$ dB/km	170 N ($\epsilon\leq 0,50\%$)	
Max tensile load long term	IEC 60794-1-21-E1, $\Delta\alpha\leq 0,05$ dB/km	60 N	
Crush performance	IEC 60794-1-21-E3, $\Delta\alpha\leq 0,05$ dB	500 [N/10 cm]	
Bending performance	IEC 60794-1-21-E6, R=5mm, 20N, 35 cycles	no damage	
Temperature range	Installation	-5... +55 [°C]	
	Operation	IEC 60794-1-22-F1, $\Delta\alpha\leq 0,05$ dB/km	-20... +70 [°C]
	Transport & Storage	-40... +70 [°C]	
CPR Class	EN 50575:2014+A1:2016	Dca-s1bd0a1	

(*) 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.

OPTICAL FIBRES USED:

G.657B3+ compatible with G.652D

Minimal bending radius: 2.5mm ($\Delta\alpha\leq 0.2$ dB @ 1550nm / $\Delta\alpha\leq 0.3$ dB @ 1625nm)

MARKING

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

- Handset symbol
- CPR Euro Class
- Double Sine symbol
- Supplier FIBRAIN
- Type of cable
- Year of manufacture: xxxx
- Standard code (Product type, fibre type, fibre count)
- Length marking in meters
- Cable ID / Drum No

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Example:

"HANDSET" – EN 50575 Dca – s1b, d0, a1 – " DOUBLE SINE" – FIBRAIN – Fibre Optic Cable – " YEAR OF MANUFACTURE" – VC–D30 RESIBEND PLUS 1F SM
G657B3+ FTTH DROP CABLE LSOH – "LENGTH MARKING"– "BATCH NUMBER"

The accuracy of marking is $\pm 0,5\%$. Remarkings 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.

STANDARD PACKING

Cables will be shipped on disposable plywood 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.

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