



FZOVDMU

Direct buried cable





APPLICATION Optical fibre cable for direct burial and duct installations. Suitable for direct burial installation by

ploughing pulling or duct installation by pulling. Mid-access property.

CONSTRUCTION Optical fibre Coloured optical single-mode fibres

Secondary coating The fibres are placed inside loose tubes made of

thermoplastic polyester. The tubes are completely filled with a

non-toxic and dermatological safe compound.

Fillers Solid black plastic fillers

The central element consists of fibre reinforced plastic (FRP), Central element

if applicable covered with a polyethylene layer to fit into the

cable core.

Cable core stranding The required number of tubes or plastic fillers are SZ-stranded

around the central element

Filling compound The interstices of the cable core and core covering are filled

with a non-toxic and dermatological safe filling compound The cable core is wrapped longitudinally with polyester

laminated swelling tape

Protection Corrugated steel tape coated with a copolymer of polyethylene

on both sides is applied longitudinally with an overlap. Minimum overlap is 3.0 mm. The nominal thickness of the

steel tape is 0.15 mm.

The cable sheath consists of UV resistant black polyethylene Outer sheath

compound. Nominal thickness is 2.2 mm.

PROPERTIES Temperature range

Transport, storage, operation

-45 ... +70 °C Installation

Crush strength

Wrapping

-15 ... +70 °C

4000 N/100 mm (5000 N/100 mm for 192-fibre cable)

SSTL code	Type FZOVDMU	Draka code	Diameter mm	Allowable short term tension N	Bending radius during installation/installed mm	Mass kg/km	Drum size/ standard delivery length km
0243025	6xSML G.652.D	L722479	16.5	3500	410/330	230	K18/4
0242737	2x6xSML G.652.D	L722480	16.5	3500	410/330	230	K18/4
0243027	3x6xSML G.652.D	L722481	16.5	3500	410/330	230	K18/4
0242739	4x6xSML G.652.D	L722482	16.5	3500	410/330	230	K18/4
0243029	5x6xSML G.652.D	L722483	16.5	3500	410/330	230	K18/4
0243030	6x6xSML G.652.D	L722484	16.5	3500	410/330	230	K18/4
0242741	8x6xSML G.652.D	L722485	18.0	3500	450/360	290	K20/4
0243032	6x2x6xSML G.652.D	L722486	17.0	3500	420/340	250	K20/4
0242743	8x2x6xSML G.652.D	L722487	19.0	3500	470/380	310	K22/4
0243034	12x2x6xSML G.652.D	L722488	23.0	5000	570/460	440	K22/3
0242986	16x2x6xSML G.652.D	L720608	23.0	5000	570/460	440	K22/3

©Draka Comteq Finland Ltd. 2007.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the prior written consent of Draka Comteq Finland Ltd. The information is believed correct at the time of issue. Draka Comteg Finland Ltd. reserves the right to amend this specification without notice. This specification is not contractually valid unless specifically authorized by Draka Comteq Finland Ltd

Draka Comteq Finland Ltd. P.O.Box 419 FI-00101 Helsinki Tel. +358 10 5661 www.draka.fi

FOC5151.0/06 e 16.08.2007 ea

Page 1(1)