

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 12 274 - 10 HH

Company Corning Cable Systems GmbH & Co. KG
Leipziger Str. 121
10117 Berlin, GERMANY

Product Description Halogen free breakout fibre optic cable with FRNC jacket

Type T-VHH 2 - 24... TB3 2.0 mm or 2.8 mm subunits

Environmental Category None

Technical Data / Range of Application
Fibres: Tight buffered fibres 0,9 mm: E9/125; G50/125; G62,5/125
Cable construction: -Dielectric strength elements (aramid yarn)
-2.0 mm or 2.8 mm subunits, inner jacket FRNC
-Ripcord
-Outer jacket FRNC

Technical data in detail according data sheet:
T-VHH / November 2009 (no flat cable types)

Test Standard ITU-T G651/G652, IEC60794-1-2:2003, 60793-1-40:2001, 60332-1-2:2004,
61034-2:2005, 60754-1/2:1994/97

Documents Test report : Corning, dated 2010-10-14; MPA No. 2008-B-3261 / 02 / 06
Corning, dated 15.04.2011

Remarks No flat cable types and measures for limitation of the propagation of fire along
cable bundles are required (fire stops)

Valid until 2016-05-23

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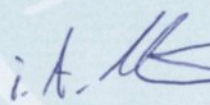
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Hamburg, 2011-05-23

Type Approval Symbol



Germanischer Lloyd


Christoph Kutzner


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Mechanical characteristics

Min. bending radius: acc. Data sheet

Max. tensile strength: acc. Data sheet

Max. crush resistance: 1500 N/10cm
1000 N/10cm (Fibre count 2)

Temperature range: Transport and storage -25°C to +70°C
Laying + installation - 5°C to +50°C
Operation -20°C to +60°C

Place of production: Corning Cable Systems Sp. zo.o Polska in Strykow and Lublin
Corning Kablo ve Sistemleri Ltd. Sti. (CCS Turkey) in Gebze-Kocaeli

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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".