



**Product:** [GBDH872](#) 

Outdoor OFC MLT: ARAMID + PE + CST + PE with 6 Tubes of Ø1.9mm 72f SM OS2 G.652.D & G.657.A1.

## Product Description

Outdoor dry core optical fiber Multi Loose Tube cable with aramid yarns as strength member, polyethylene inner jacket, Corrugated Steel Tape (Full Rodent Protected) armor and polyethylene outer jacket. Product feature: This cable has improved rodent protection by Corrugated Steel Tape (Full Rodent Protected). Existing out of 6 tubes with a diameter of 1.9mm with 72 fibers (6t x 12f) SM OS2 G.652.D & G.657.A1.

## Technical Specifications

### Product Overview

Suitable Applications:	For outdoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling. For outdoor use in networks for industrial, telecom, cable TV and/or broadcast. Easy to install in ducts, tunnels and trenches and/or tubes. Suitable for Direct Burial.
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### Fiber Specifications

Fiber Type:	OS2
Fiber Grade Acc to ITU-T:	G.652D & G.657A1
Fiber Count:	72
Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

### Cable Construction

Number of Active Subunits:	6
Fibers Per Subunit:	12
Subunit Waterblocking:	Gel Filled
Subunit Diameter:	1.9 mm
Subunit Color:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White
Central Strength Member Type:	GRP
Cable Core Water Blocking:	Waterblocking Aramid Yarns + Tape

### Inner Jacket Specifications

Material:	PE - Polyethylene
Nominal Diameter@InnerJacket1 (cnv):	8.5 mm (0.33 in)

### Armor Specifications

Armor Type and Material:	CST - Corrugated Steel Tape
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### Outer Jacket Specifications

Jacket Material:	PE - Polyethylene
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### Mechanical Characteristics

#### Mechanical Tests

Description	Tested Standard	According to Family Specification
Cable Min. Bend Radius Installation (Short Term)	IEC 60794-1-21-E6	IEC 60794-3-10
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	IEC 60794-3-10
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	IEC 60794-3-10
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	IEC 60794-3-10
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	IEC 60794-3-10

Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	IEC 60794-3-10
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Minimum Bend Radius During Installation:	270 mm
Minimum Bend Radius During Operation:	270 mm
Max. Tensile Strength During Installation:	2850 N (641 lbf)
Max. Tensile Strength During Operation:	950 N (210 lbf)
Bulk Cable Weight:	161 kg/km (108 lbs/1000ft)

Temperature Range

Installation Temperature Range:	-5 °C to +50 °C
Operating Temperature Range:	-30 °C to +70 °C
Storage Temperature Range:	-30 °C to +70 °C

Standards and Compliance

Environmental Suitability:	Outdoor
ISO/IEC Compliance:	IEC 60794ISO/IEC 11801-1

History

Update and Revision:	Revision Number: 0.140 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
GBDH872.T02100	Black	Reel	2,100 m	8719605170156

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