



Product: [BAGU12QA008BK](#)

Outdoor OFC CLT (jelly filled) : GLASS YARNS+CST+Single PE Jacket with Steel Wire Embedded, 8F, G652.D, Anti-Rodent & UV

Product Description

Outdoor optical fiber Central Loose Tube (jelly filled) cable with glass yarns as flexible non-metallic strength member, Corrugated steel tape armor and Single Polyethylene Jacket (black) with two steel wires embedded, 8 Fibers, G652.D, Anti-Rodent & UV Resistance

Technical Specifications

Product Overview

Suitable Applications:	For outdoor use in structured (data) wiring systems such as industrial backbone, campus backbone 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, G.652.D
Fiber Core Diameter:	125 µm
Buffer Material:	PBT – Polybutylene Terephthalate
Fiber Count:	8
Fiber Color Coding:	TIA-598-D

Cable Construction

Subunit Waterblocking:	Gel Filled
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Inner Jacket Specifications

Strength Member:	Glass Yarns
Number of Ripcords:	2

Armor Specifications

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

Jacket Material:	PE - Polyethylene
Nom. Diameter:	9.2 mm (0.36 in)
Color:	Black

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.36 dB/km	0.22 dB/km
Mode Field Diameter	9.2 µm	10.4 µm

Mechanical Characteristics

Min. Bend Radius During Installation:	20 x OD
Max. Tensile Strength During Installation:	2000 N, Passes IEC 60794-1
Max. Tensile Strength During Operation:	600 N, Passes IEC 60794-1
Crush Resistance:	3000 N/100mm, Passes IEC 60794-1
Bulk Cable Weight:	85 kg/km (57 lbs/1000ft)

Temperature Range

Operating Temperature Range:	- 40°C To + 70°C
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Standards and Compliance

Environmental Suitability:	OutdoorAerialDirect Burial, Outdoor, Sunlight Resistance, UV Resistance, Burial
ISO/IEC Compliance:	IEC 60793-1-1IEC 60794-1-1
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)

History

Update and Revision:	Revision Number: 0.22 Revision Date: 02-13-2025
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