



**Product:** [BAGU54VA024BK](#)

Outdoor OFC CLT (jelly filled) : GLASS YARNS+CST+Single PE Jacket with Steel Wire Embedded, 24F, 50µm OM4(BI)

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, 24 Fibers, 50µm OM4(BI).

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:	OM4
Fiber Core Diameter:	50.0 ± 2.5 µm

Armor Specifications

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

Jacket Material:	PE - Polyethylene
Color:	Black

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1 dB/km
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz.km	500 MHz.km

Table Notes:	Effective Modal Bandwidth: 4700 MHz.km, Numerical Aperture: 0.200 ± 0.015
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Mechanical Characteristics

Min. Bend Radius During Installation:	20 x OD
Max. Tensile Strength During Installation:	2000 N (450 lbf)
Max. Tensile Strength During Operation:	600 N (130 lbf)
Crush Resistance:	300 N/cm
Bulk Cable Weight:	90 kg/km (60 lbs/1000ft)

Temperature Range

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

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

Update and Revision:	Revision Number: 0.12 Revision Date: 02-28-2025
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