



Product: [NTAP12AA024YEAA](#)

24F SM G652.D Tight Buffer Indoor Riser OFC

Product Description

24 optical fibers, Single Mode G652.D, 900µm PVC tight buffer, stranded together with aramid yarn reinforcing, flame retardant PVC jacket for indoor applications-Riser rated

Technical Specifications

Product Overview

Suitable Applications:	High degree of flexibility suitable for backbone, horizontal, inner and inter building installations; Excellent flame retardant performance for indoor application.
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Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2, G.652.D	24

Fiber Color Coding:	TIA coding (Gxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua. With Ringmark: BL, OR, GR, BR, GY, WT, RD, BK, YL, VT, PK, AQ
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Buffer Specification

Buffer Construction	Buffer Material	Buffer Diameter
Tight	PVC - Polyvinyl Chloride	900 µm

Bulk Cable Weight:	58.0 kg/km
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Jacket Specifications

Number of Jackets:	Single Jacket
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Outer Jacket Specifications

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	8.8 mm

Color:	Yellow
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Optical Characteristics

Fiber Core Diameter:	9 µm
Max. Attenuation at 1310 nm:	0.35 dB/km
Max. Attenuation at 1550 nm:	0.22 dB/km

Mechanical Characteristics

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	176 mm
Cable Min. Bend Radius Operation (Long Term)	88 mm
Cable Max. Tensile Strength Installation (Short Term)	660 N (148 lbf)
Cable Max. Tensile Strength Operation (Long Term)	200 N (45 lbf)
Cable Max. Crush Resistance Installation (Short Term)	1000 N/100mm
Cable Max. Crush Resistance Operation (Long Term)	300 N/100mm

Temperature Range

Operating Temp Range:	-20 °C to +60 °C
Storage Temp Range:	-20 °C to +60 °C

Standards

UL Flammability:	FT4
NEC/(UL) Compliance:	OFNR
ISO/IEC Compliance:	IEC 60794-1
EU Directive 2011/65/EU (RoHS 2):	Compliant
UV/ Sunlight Protection:	No

History

Update and Revision:	Revision Number: 0.30 Revision Date: 04-08-2022
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