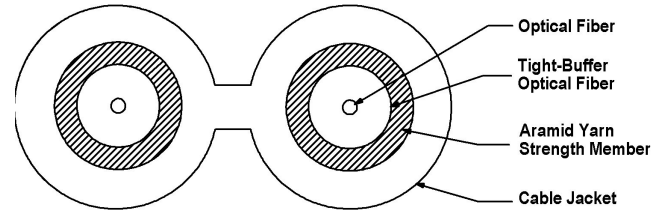


**Part #: AX002NWLS9OR**

**2 CHANNEL  
A-Series Assembly – Riser Cables**



Laser Ultra-Fox™ Fiber Performance	
Fiber Code	WLS
Industry Standard Designation	OM1 ISO/IEC 11801
Core/Cladding Diameter (µm)	62.5/125
Numeric Aperture	0.275
Wavelength (nm)	850/1310
Gigabit Ethernet Distance (m)	300/600
10-Gigabit Ethernet Distance (m)	33/300
Maximum Cabled Attenuation (dB/km)	3.5/1.5
Minimum Laser EMB Bandwidth (MHz-km)	220/500
Minimum OFL LED Bandwidth (MHz-km)	200/500
Primary Coating Diameter (µm)	245
Secondary Buffer Diameter (µm)	900
Proof Test Level (kpsi)	100

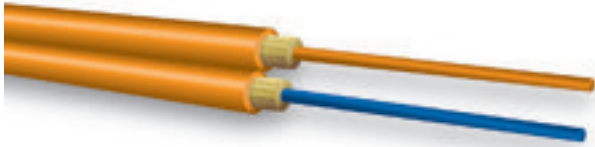
Installation and Operating Characteristics		
	Installation	Operating
Max Tensile Load	1,000 N (220 lbs)	500 N (110 lbs)
Min Bend Radius	5.0 cm (2.0 in)	3.0 cm (1.2 in)

Mechanical and Environmental	
Impact Resistance EIA/TIA-455-25A	1,000 Impacts
Crush Resistance TIA/EIA-455-41A	750 N/cm
Flex Resistance	7,500 cycles
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C
Installation Temperature (actual temp. of cable)	-10°C to +60°C
Flame Retardancy	UL Listed Type OFNR (UL 1666) and FT4 (CSA C22.2 No. 232)

Cable Characteristics	
Jacket Color	Orange
Jacket Material	Flexible PVC
Buffer Material	PVC
Cable Weight	16 kg/km (11 lbs/1000')
Cable Diameter	2.9 mm ( 0.11 in)

2 CHANNEL  
A-Series Assembly – Riser Cables

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### Standards

OCC tight-buffered fiber optic assembly cables meet the functional requirements of the following standards:

- GR-409-CORE
- ICEA-S-83-596
- TIA-568
- TIA-598

## Applications

- Resilient and flexible for jumpers, patch cords, and pigtails
- Suitable for general-purpose indoor use, such as routing connections in patching systems
- Short "patch cord" cables ideal for links between electronic equipment and main fiber optic cables

## Features

- Compatible with all standard fiber optic connectors designed for small form-factor simplex and duplex connectors such as MT-RJ and LC connectors
- High performance tight-buffered coating on each optical fiber for environmental and mechanical protection
- Custom jacket colors are available to match connectors.
- Private labeling on the cable outer jacket is also available
- 1 (simplex) and 2 (duplex) fibers available
- Available with bend-tolerant single-mode and multimode fibers
- "N" jacket riser rated cable is flexible for use where it is desirable for cables to hang neatly