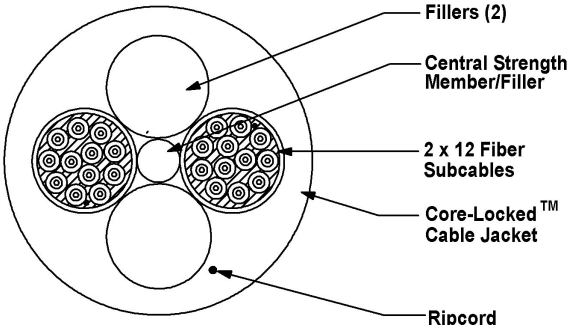
Part #: GX024DSLX9KS

24 CHANNEL
G-Series Subgrouping – MSHA-Rated Mining Cables



Laser Ultra-Fox™ Fiber Performance	
Fiber Code	SLX
Industry Standard Designation	Low Water Peak Single-Mode ITU-T G.652.D
Core/Cladding Diameter (µm)	9/125
Wavelength (nm)	1310/1550
Maximum Cabled Attenuation (dB/km)	0.5/0.5
Primary Coating Diameter (µm)	245
Secondary Buffer Diameter (µm)	900
Zero Dispersion Slope (ps/nm^2-km)	0.092
Proof Test Level (kpsi)	100

Mechanical and Environmental	
Impact Resistance EIA/TIA-455-25A	1500 impacts
Crush Resistance TIA/EIA-455-41A	2100 N/cm
Flex Resistance	2000 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	MSHA- approved 30CFR 7.408 Signal Cable

Installation and Operating Characteristics		
	Installation	Operating
Max Tensile Load	4,600 N (1,030 lbs)	1,500 N (340 lbs)
Min Bend Radius	25.0 cm (9.8 in)	16.6 cm (6.5 in)

Cable Characteristics	
Jacket Color	
Jacket Material	Indoor / Outdoor PVC
Buffer Material	PVC
Cable Weight	243 kg/km (164 lbs/1000')
Cable Diameter	16.6 mm (0.65 in)

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Standards
OCC Indoor/Outdoor tight-buffered fiber optic tray cables meet the functional requirements of the following standards: • MSHA Approved 30CFR 7.408 Signal Cables • Part 7, Subpart K of Title 30 Code of Federal Regulations (CFR) • GR-409-CORE • ICEA-S-104-696 • ICEA-S-83-596 • TIA-568 • TIA-598

Features

- Tight-buffered multifiber cable design allows subcables to be routed to multiple locations
- Ideal for midspan access applications
- Core-Locked® outer jacket surrounds the subcables for superior crush resistance, survivability, and use in long vertical installations
- UV resistant, water and fungus resistant
- Helically stranded cable core for flexibility, survival in difficult pulls, and mechanical protection for the optical fibers
- High performance tight-buffered coating on each optical fiber for environmental and mechanical protection
- Designed for direct lashing, "J" hook applications, and vertical installations
- Multiple distribution style subcables within a common jacket with each subcable having its own flexible aramid strength member
- Flame retardant - MSHA approved to Part 7, Subpart K of Title 30 Code of Federal Regulations (CFR)