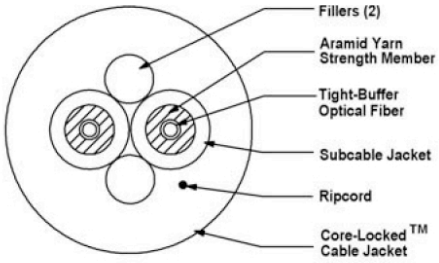
OPTICAL CABLE CORPORATION

2 CHANNEL
Universal-Series Breakout Cables



Laser Ultra-Fox™ Fiber Performance	
Fiber Code	ALT
Industry Standard Designation	Bend Insensitive OM3 ISO/IEC 11801
Core/Cladding Diameter (µm)	50/125
Numerical Aperture	0.20
Wavelength (nm)	850/1310
Gigabit Ethernet Distance (m)	1000/600
10-Gigabit Ethernet Distance (m)	300/300
Maximum Cabled Attenuation (dB/km)	3.0/1.0
Minimum Laser EMB Bandwidth (MHz-km)	2000/500
Minimum OFL LED Bandwidth (MHz-km)	1500/500
Primary Coating Diameter (µm)	245
Secondary Buffer Diameter (µm)	900
Proof Test Level (kpsi)	100

Installation and Operating Characteristics		
	Installation	Operating
Max Tensile Load	800 N (180 lbs)	200 N (45 lbs)
Min Bend Radius	9.8 cm (3.9 in)	6.5 cm (2.6 in)

Mechanical and Environmental	
Impact Resistance EIA/TIA-455-25A	1,500 Impacts
Crush Resistance TIA/EIA-455-41A	2,200 N/cm
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C

Cable Characteristics	
Jacket Color	Aqua 10GIG
Jacket Material	Indoor/Outdoor LSZH-NC
Buffer Material	Hard Elastomeric
Subunit OD	2.0
Cable Weight	34 kg/km (23 lbs/1000')
Cable Diameter	6.5 mm (0.26 in)

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