



ELII-CP1000-CB-BDZP Duplex PMMA Fiber Cables

ELII-CP1000-CB-BDZP is duplex zipcord, plenum-rated, 70°C-rated cable made with 1-millimeter PMMA fibers. This cable has a two-layer PVC sheath, with a black inner layer, and a white outer layer, and industry-standard 2.2 x 4.4 mm dimensions. This cable is compatible with tools, connectors, and transmission equipment for PMMA cables. Custom colors and print are available.

ELII-CP1000-CB-BDZP: Duplex PMMA Cables				
Property	Minimum	Typical	Maximum	Units
Core Material	Polymethylmethacrylate			
Cladding Material	Fluorinated Polymer			
Core Refractive Index	1.49			
Refractive Index Profile	Step Index			
Numerical Aperture	0.5			
Core Diameter	0.90	0.98	1.04	mm
Fiber Outer Diameter	0.94	1.00	1.06	mm
Inner Jacket Material	PVC, Black			
Outer Jacket Material	PVC, White			
Minor Axis Dimension	2.13	2.20	2.27	mm
Major Axis Dimension	4.20	4.30	4.40	mm
Attenuation		160	200	dB/km
Minimum Bend Radius	9			mm
Tensile Load			140	N
Impact Endurance	0.4			Nm
Temperature Range	-20		+70	°C