



Specifications Part# FF-POFULR-X1

Property	Minimum	Typical	Maximum	Units
Core Material "C"	Polymethylmethacrylate			
Cladding Material	Fluorinated Polymer			
Core Refractive Index	1.49			
Refractive Index Profile	Step Index			
Numerical Aperture	0.46			n/a
Core Diameter "C"	0.90	0.98	1.04	mm
Fiber Outer Diameter "C"	0.94	1.00	1.06	mm
Inner Jacket Material, Color "B"	Strippable, PVC, Black			
Outer Jacket Material, Color "A"	Strippable, PVC, Grey			
Minor Axis Dimension "A"	2.13	2.20	2.27	mm
Minor Axis Dimension "B"	1.45	1.50	1.55	mm
Performance				
Attenuation		0.15	0.20	dB/m
Minimum Bend Radius	25			mm
Tensile Load			140	N
Impact Endurance	0.4			Nm
Crushing Load Endurance (100 mm crush width, 1 minute)	1000			N
Storage Temperature	-40		+ 85	°C
Operating Temperature	-20		+ 85	°C
Sunlight Resistant (UV)	UL-US 720 hr. / Sun. Res. / UL 1651, edition 3 rd			
Indication/Markings on Jacket	"POFULR", OFNP (UL), # of Meters, "FiberFin"			

FiberFin Inc, www.fiberfin.com
 210 Beaver Street, Yorkville, IL 60560

P: 630-553-6924 F: 630-553-9025 Email: sales@fiberfin.com

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The POFULR® trade name is for UL certified Plenum Cable that has Industrial performance and that is designed for data transfer of media.