



WE ARE A GLOBAL SUPPLIER
OF THE MOST INNOVATIVE
RESIDENTIAL & COMMERCIAL
NETWORKING SOLUTIONS
IN THE INDUSTRY

NYCE
NETWORKS



NYCE NPC-75 & NPC-1500 Plastic Optical Fiber

Plenum Rated
High Quality 2.2mm
Plastic Optical Fiber

IMPROVE SERVICE DELIVERY

SIMPLIFY INSTALLATION

REDUCE REPAIR CALLS



All NYCE POF IS
UL Safety Certified

KEY BENEFITS

NYCE NPC-75 and NPC-1500 Plastic Optical Fiber (POF) is a high-quality Plenum Rated Fiber. Targeting the last 100m of your network, NYCE POF provides a robust, easy-to-install 100Mbps Ethernet solution. NYCE POF is the easiest way to connect Ethernet sources like modems and routers to PCs, High-Definition Televisions, VoIP Telephones and Multimedia Entertainment Centers.

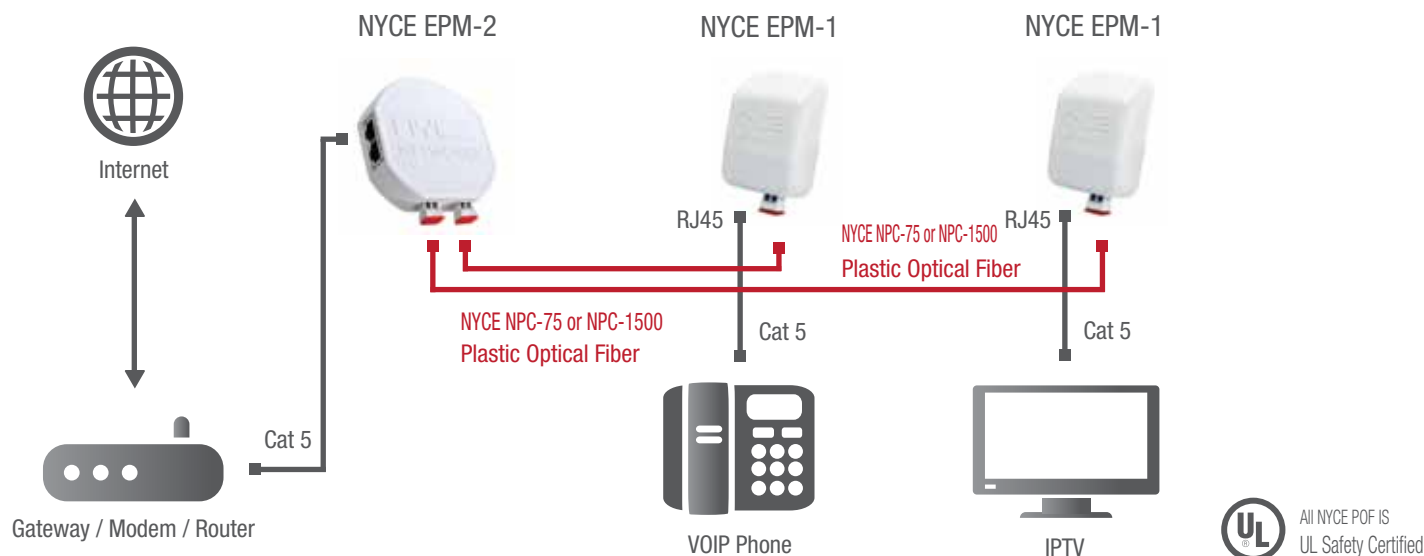
- HIGH QUALITY OF SERVICE / immune to Electro Magnetic Interference
- HIGHLY DURABLE / tighter bend radius and higher tensile strength
- HIGH PERFORMANCE / 2.2mm thick and capable of 100/1000Mbps

FLEXIBLE FIBER NETWORKS



NYCE POF Plenum Rated High Quality 2.2mm Plastic Optical Fiber

NYCE POF APPLICATION DIAGRAM



TECHNICAL SPECIFICATIONS

Communication Range: 80m @ 100Mbps, 100Base-T, Scalable to 1000Mbps
 Dimensions: 2.2mm

Property	Minimum	Typical	Maximum	Units
Core Material	Polymethylmethacrylate			
Cladding Material	(Plenum) 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 + Color	PVC, Black			
Outer Jacket Material + Color	PVC, White			
Minor Axis Dimension	2.08	2.20	2.32	mm
Major Axis Dimension	4.18	4.30	4.42	mm
Attenuation		0.18	0.22	dB/m
Minimum Bend Radius	13			mm
Tensile Load			140	B
Impact Endurance	0.4			Nm
Storage Temperature	-40			+85 C
Operating Temperature	-20			+60 C

KEY FEATURES

- Plenum Rated white
- No bleed through of LED
- 13mm bend radius
- EMI immunity
- Robust and easy to install
- Cut with blade
- Much smaller than CAT5/6

ORDERING INFORMATION

Part Number	Description
NPC-1500-1500 foot roll	1500 foot roll of 2.2mm POF (white)
NPC-75-75 foot roll	75 foot roll of 2.2mm POF (white)

CONTACT US



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