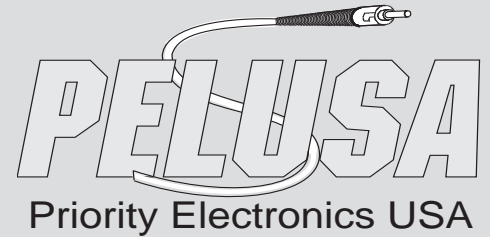
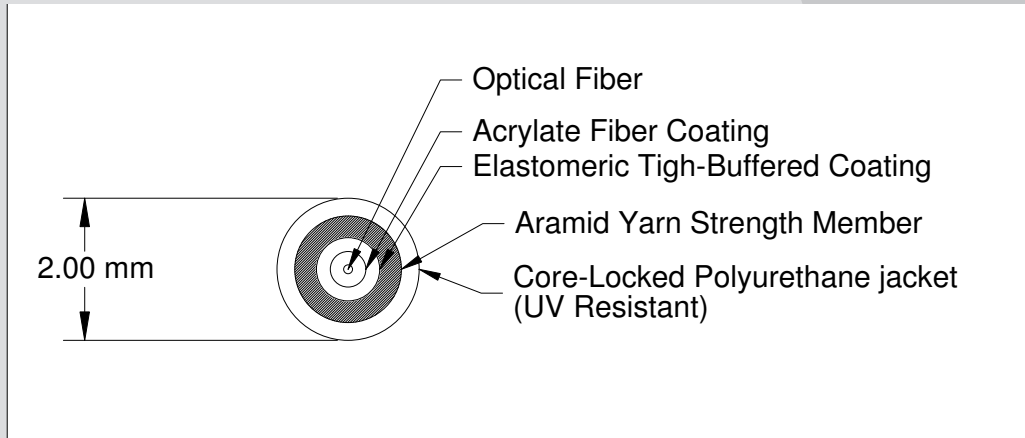




Ruggedized OSP Cable



- √ Available in standard Singlemode fiber and Bend Insensitive fiber
- √ Ideal for FTTx deployments
- √ Optimized for extreme environments
- √ Greater flexibility and increased crush resistance when compared to standard fiber optic cable
- √ Available in 2.0mm OD
- √ Bend tolerant version is a Zero Water Peak G.562A compliant fiber and is completely compatible with all conventional singlemode fibers



Standard LWP SMF Fiber

Fiber Type	Singlemode	
Core Diameter	8.3 μm	
Fiber Diameter	125 μm	
Primary Coating Diameter (UV Cured Acrylate)	500 μm	
Secondary Buffer Diameter (Hard Elastomeric)	900 μm	
Numerical Aperture	0.13	
Proof Test Level	100 kpsi	
Wavelength	1310nm	1550nm
Attenuation	0.5 dB/km	0.5dB/km
Nominal Zero Dispersion Slope	0.092 ps/(nm ² -km)	
Cable Diameter	2.0 mm	
Cable Weight	5.0 kg/km	
Installation		
Max. Tensile Load	500 N	
Min. Bend Radius	4.0 cm	
Impact Resistance	25 impacts	
Crush Resistance	35 N/cm	
Operating Temperature	-55°C to +85°C (-67°F to 185°F)	
Storage Temperature	-70°C to +85°C (-94°F to 185°F)	

Bend Tolerant ZWP Fiber

Fiber Type	Singlemode, bend tolerant	
Fiber Diameter	125 μm	
Primary Coating Diameter (UV Cured Acrylate)	500 μm	
Secondary Buffer Diameter (Hard Elastomeric)	900 μm	
Numerical Aperture	0.13	
Proof Test Level	100 kpsi	
Wavelength	1310nm	1550nm
Attenuation	0.5 dB/km	0.5dB/km
Nominal Zero Dispersion Slope	0.092 ps/(nm ² -km)	
Cable Diameter	2.0 mm	
Cable Weight	3.8 kg/km	
Installation		
Max. Tensile Load	300 N	
Min. Bend Radius Operating	3.8 cm	
Max. Tensile Load	180 N	
Min. Bend Radius	2.5 cm	
Impact Resistance	25 impacts	
Crush Resistance	35 N/cm	
Operating Temperature	-55°C to +85°C (-67°F to 185°F)	
Storage Temperature	-70°C to +85°C (-94°F to 185°F)	