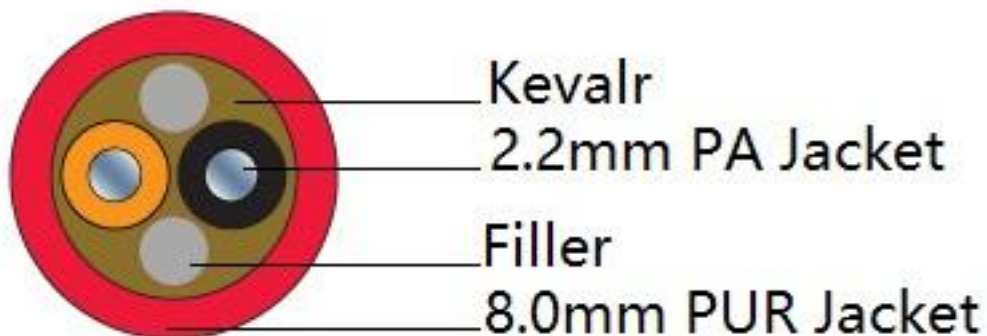


### 1. Structure

Item		I-V4Y(ZN)11Y 2P980/1000		
		Specification		
		Min.	Typ.	Max.
Optical Fiber	Core Material	Polymethyl-Methacrylate Resin		
	Clad Material	Fluorinated Polymer		
	Core Reflective Index	-	1.49	-
	Clad Reflective Index	-	1.41	-
	Reflective Index Profile	Step Index		
	Numerical Aperture (NA)	-	0.5	-
	Core Diameter [um]	920	980	1040
	Clad Diameter [um]	940	1000	1060
	Core Number	2		
Jacket	Inner Jacket Material	Polyethylene		
	Inner Diameter [mm]	2.10	2.20	2.30
	Outer Jacket Material	PUR		
	Outer Diameter [mm]	-	8.0	-
	Jacket Color	Red		
Approximate Weight		55 g/m		
Fiber Length On Spool [m]		1000		

### Sectional View



## 2. Performance

			I-V4Y(ZN)11Y 2P980/1000		
Item			Specification		
			Min.	Typ.	Max.
Maximum Rating	Storage Temperature[°C]	No Physical Change	-55	-	85
	Operation Temperature[°C]	No Deterioration in Optical Properties	-55	-	85
	Operation Temperature Under 95% RH [°C]	No Deterioration in Optical Properties	-	-	60
Transmission loss	Attenuation (collimated light) [dB/km]	650nm (Ta=25°C)	-	-	160
		650nm (Ta:Operation Temp.)	-	-	170
		660nm (Ta:Operation Temp.)	-	-	255
	Bandwidth	[launch NA > Fiber NA]	40 MHz.50m	-	-
Mechanical Characteristics	Minimum Bending Radius [mm]	(Ta:Operation Temp.)	-	40	-
	Repeated Bending Endurance[Times]	Loss Increment≤1dB [90° 25 mmR Dead Weight:500g]	10000	-	-
	Tensile Strength [N]	[Tensile Force at 5% Elongation;in Conformity to the JIS C 6861]	400	-	-
	Twisting Endurance [Times]	Loss Increment≤1dB [Sample Length:1m Tensile Force:4.9N]	5	-	-
	Impact Endurance [N.m]	Loss Increment≤1dB [in Conformity to the JIS C 6861]	0.4	-	-

All tests are carried out under temperature of 25°C unless otherwise specified.

\* Attenuation change shall be within 10% after 1,000 hours.

\*\* Attenuation change shall be within 10% after 1,000 hours, except that due to absorbed water.