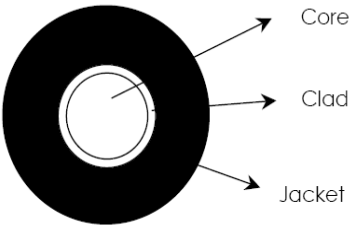


# CD-1000-1

## POF simplex cable

	<b>Features:</b> <ul style="list-style-type: none"> <li>• Core material                      PMMA</li> <li>• Core refractive index            1.492</li> <li>• Cladding refractive index       1.417</li> <li>• Jacket material                    polyethylene</li> <li>• Jacket colour                     black</li> <li>• NA                                    0.47±0.03</li> <li>• Minimum bend radius           25 mm</li> </ul>
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### Specifications:

	Item	Unit	Specification	Test Condition
Structural parameters	Core diameter	µm	980±60	JIS C 6862
	Cladding diameter	µm	1000±60	
	Cladding non-circularity	%	≤6	
	Jacket	mm	2.2±0.1	
	Weight	g/m	6	
Optical properties	Transmission Loss	dB/km	≤200	650 nm (JIS C 6863)
	Transmission Loss Under 95%RH	dB/km	220	
Mechanical Characteristics	Repeated Bending Endurance	10 000 times	Loss Increment ≤2dB	JIS C 6861
	Tensile Strength	N	70	
	Twisting Endurance	5 times	Loss Increment ≤2dB	
	Impact Endurance	0.4 N.m	Loss Increment ≤2dB	
Environmental	Operating temperature	°C	-50 to +70	