

NE/DNE/NEC/NEF/NEG Series Optical Connector & Adapter

Product brief introduction

- Small size (50% of SC), light weight, high density installation
- Standard plastic body, good interchangeability
- Push-pull RJ-45 mechanism for quick connection and remove
- $\phi 1.25$ ceramic ferrule, PC, UPC polishing
- Simplex /Double connector and adapter
- Available to OFNR cable or LSZH cable
- Cable OD.: $\phi 0.9$, $\phi 2$ and $\phi 3$
- According standard : YD/T1271.1, IEC61754-20

Applications

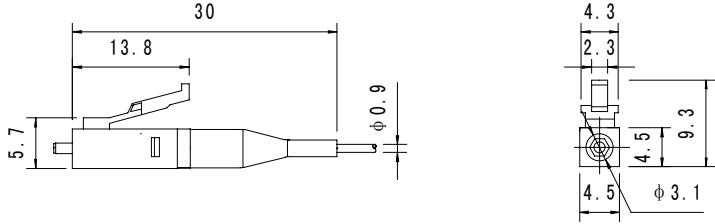
- Optical fiber communication networks
- Fiber To The Home (FTTH), Fiber To The Desk (FTTH)
- New synchronous equipment and user line terminal
- DWDM system
- ODF frame

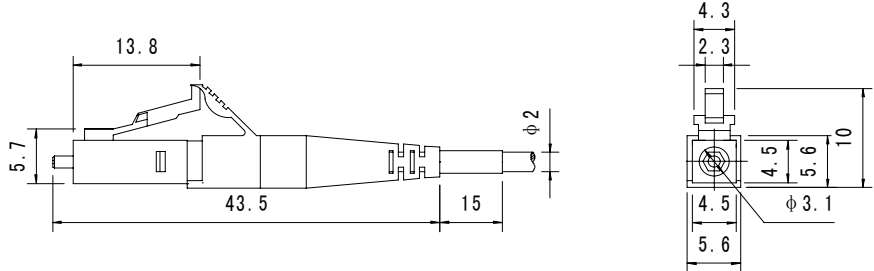
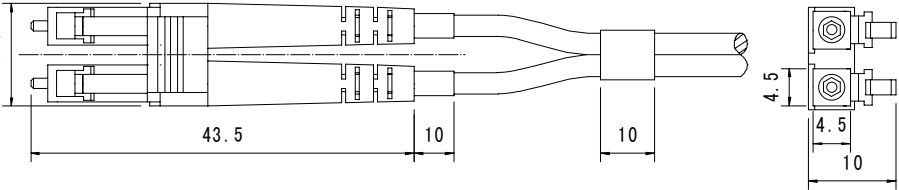
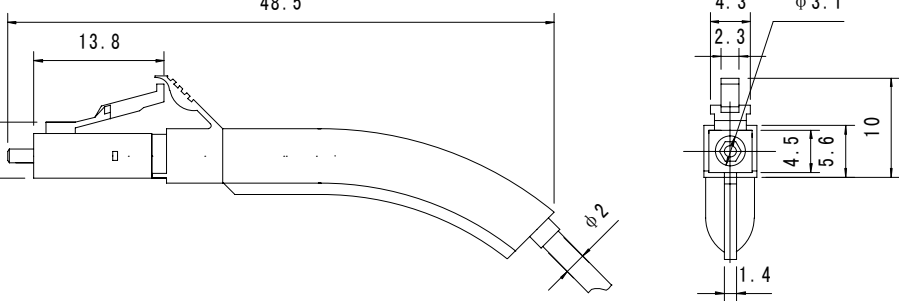
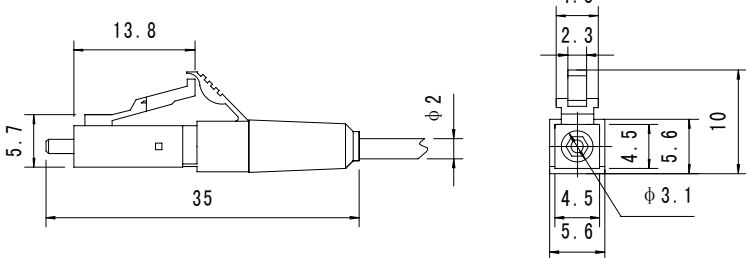
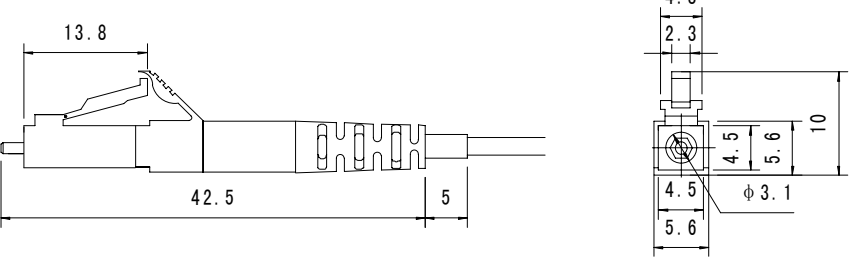
Performances

Parameters	plug			Adapter
	SM		MM	
	PC	UPC	PC	
Insertion Loss (dB)	≥ 45	≥ 50	≥ 35	/
Return Loss (dB)	≤ 0.2 (typical), ≤ 0.3 (Max.)			≤ 0.1 (typical)
Repeatability (dB)	≤ 0.1			/
Durability (cycles)	≥ 500			≥ 500
Operating Temp. ($^{\circ}\text{C}$)	$-40 \sim +80$			$-40 \sim +80$
Tensile strength (N)	≥ 70 ($\phi 2$ & $\phi 3$) . Not required for $\phi 0.9$ product.			/

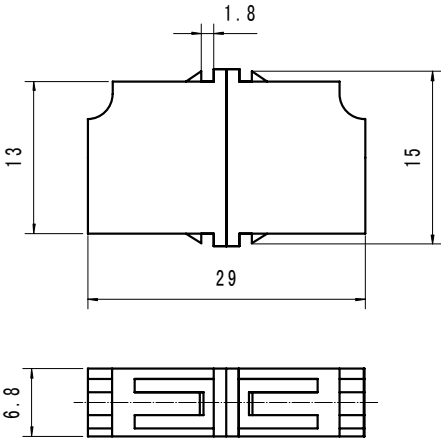
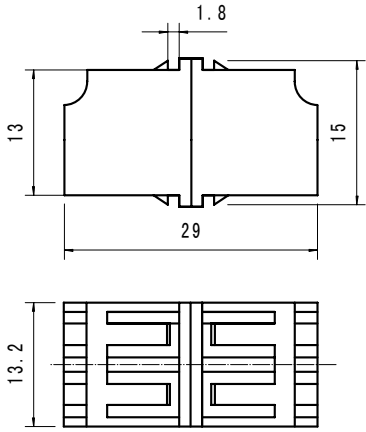
Outline dimensions

[LC/DLC/LCA/LCD/LCE optic plug]

NE($\phi 0.9$)	
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<p>NE($\phi 2$)</p>	
<p>DNE(duplex NE)</p>	
<p>NEC(45° right angle jacket)</p>	
<p>NEF(short jacket)</p>	
<p>NEG</p>	

[NE/DNE adapter]

NE-C(NE adapter)	NE-2C(duplex NE adapter)
 <p>Technical drawing of the NE-C(NE adapter) showing a cross-section and a side view. The cross-section dimensions are 1.8 (top flange thickness), 13 (left height), 15 (right height), and 29 (width). The side view dimension is 6.8.</p>	 <p>Technical drawing of the NE-2C(duplex NE adapter) showing a cross-section and a side view. The cross-section dimensions are 1.8 (top flange thickness), 13 (left height), 15 (right height), and 29 (width). The side view dimension is 13.2.</p>