
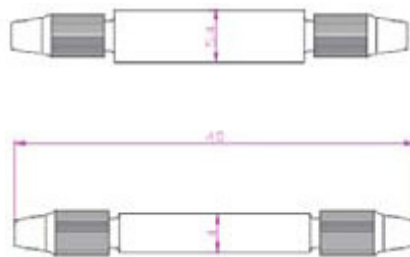
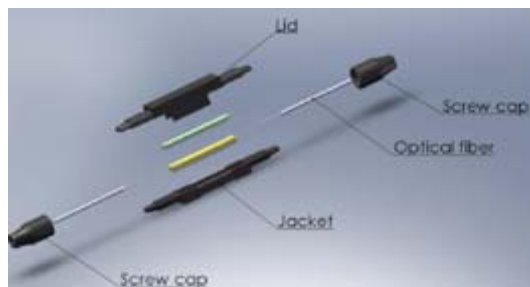


Codificacion: WT-EMM-10	ESPECIFICACIONES TECNICAS	
Fecha: 10/06/2009		
Hojas 1 de 1		
Asunto	Empalmes Mecanicos	

### Caracteristicas



#### Features

- \* Low Insertion Loss.
- \* Short Installation Time.
- \* Simple & easy to use.
- \* Compact Size.
- \* Apply for single Mode Fiber and Multimode Fiber.

#### Applications

- \* Optical Communication System.
- \* Fiber To The Home.
- \* Local Area Network.
- \* Aerial, Buried, Underground Fiber, Optic Cable Connect.

### Specifications

Type	MW-10
Average Insertion Loss	$\leq 0.3\text{dB}$ (typical 0.1dB)
Return Loss	$\geq 45\text{dB}$
Installation Time	30 s
Fiber Coating Size Rang	250um on 900um
Tensile Strength	4N
Shelf Life	25years
Operating Temperature	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
High Temperature Storage	2000hours with IL $\leq 0.2\text{dB}$ change ( $85^{\circ}\text{C}$ )
Low Temperature Storage	20000hours with IL $< 0.2\text{dB}$ change ( $-40^{\circ}\text{C}$ )
Damp Heat Storage	2000hours with IL $< 0.2\text{dB}$ change ( $85\%RH, 85^{\circ}\text{C}$ )
Temperature Cycling	Change IL $< 0.5\text{dB}$ ( $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ )
Vibration	10 to 55Hz 1.52mm maximum excursion three axis IL $< 0.2\text{dB}$ change, two hours in each plane
Water Immersion	Change IL $< 0.2\text{dB}$ (168H@ $43^{\circ}\text{C}$ , PH=5.5 $\pm$ 0.5)
Thermal Shock	Change IL $< 0.2\text{dB}$ ( $100^{\circ}\text{C} \sim 0^{\circ}\text{C}$ , 10cycles)

