

## TW(MPO/APC) Waterproof Connectors Specifications



### 1.Product description:

TW (MPO/APC) cable assemblies provide the most cost-effective method of deploying optical fiber in outside plant distribution networks at speeds significantly fast than traditional field installations. The assemblies guarantee an easy, one-step connection system with the combined push-pull insertion and nut-style mechanical latch. TW (MPO/APC) cable assembly provides quick installation solutions. Cable can be armored or non-armored. TW (MPO/APC) connector Applications include connection to Remote Radio Units (RRU/RRH), FTTA, FTTH equipment and other outdoor systems. The Unique design of the housing allows it to be provided on a factory terminated and tested cable assembly or retrofitted to existing outdoor cable assemblies.

## 2.Specification:

Item	Parameter
Insertion loss	Elite≤0.50dB , Standard≤1.0 dB,
Return loss	Min. 60 dB
Durability	1000 cycles
Operating Temperature	-40 °C ~ +85 °C
Storage Temperature	-40 °C ~ +85 °C
Installation Temperature	-40 °C ~ +85 °C
Waterproofing grade	IP68 (1M,1hour)
Cable diameter range	Ø3.0mm - Ø7.0 mm; Butterfly;4x7mm flat
Housing material	PC
Boot material	TPV

## 3.Standards:

Parameter		Specification
Pull	FRP (Pull≥50N)	IEC 61300-2-4
Vibration		IEC 61300-2-1
Impact		IEC 61300-2-12
Temperature		IEC 61300-2-22
Humidity		IEC 61300-2-22

## 4.Application scene



TW (MPO/APC) Adapter



TW (MPO/APC) Mating