

# GPS Timing Cable for RF over Fiber Optic (RFoF)

## DESCRIPTION:

The Go!Foton GPS Timing Cable is designed to reliably provide accurate GPS clock synchronization signals for RF over Fiber Optic (RFoF) applications. The Fiber Optic GPS Timing Cable is used to link signals from an antenna to the GPS receiver for in-building networks. The cables come with GPS timing delay information to provide accurate signal synchronization during configuration. The GPS Timing Cable incorporates the latest bend-insensitive fiber for worry-free installation around tight bending locations.

Go!Foton provides fiber optic cable assemblies for leading global service providers from our state of the art manufacturing facility recognized as one the best in the industry. The GPS Timing Cable comes with Verizon TPR certified SC/APC connectors that provide precise fiber alignment and high-performance return loss needed for FTTx signals. The optical fiber surpasses G.657.B3 technical standards to ensure reliable ultra-high-speed internet and business services. Assemblies are tested and qualified to Verizon standard and meet all SC/APC EIA.TIA 455-3(FOCIS 3) standards.

## SPECIFICATIONS:

PARAMETER	SPECIFICATION
Fiber Type	ITU-T G657B3 (Singlemode)
Construction Configuration	Indoor
Flame Rating	OFNP
Nominal OD	2.9mm
Nominal Weight	8.0 kg/km (Ø2.9mm)
Tensile Strength	220N (Short-term) 66N (Long-term)
Crush Resistance	350N/100mm
Temperature Range	-40 to +70°C
Maximum Attenuation / Wavelengths	≤ 0.35 dB/km @ 1310 nm ≤ 0.22 dB/km @ 1550 nm
Insertion Loss	SM (APC): ≤0.30dB
Return Loss	SM (APC): ≥65dB



## FEATURES:

- GPS timing data on cable
- Pre-terminated solution for reduced installation time
- GPS Timing Cables utilizing reduced bend radius fiber
- Verizon TPR-9409 Compliant

## APPLICATIONS:

- GPS Timing Networks
- Telecommunication Networks

