

# Connections

CONNECTING THE NEXT GENERATION

*Keeping You In The Loop - July 2021*

## TLC Expands its Sales Force!



TLC welcomes Justin Martin to the Sales Department and the Giotto Enterprises Team!

Justin's vast experience in both direct sales as well as retail sales/management will be instrumental to his success at TLC.

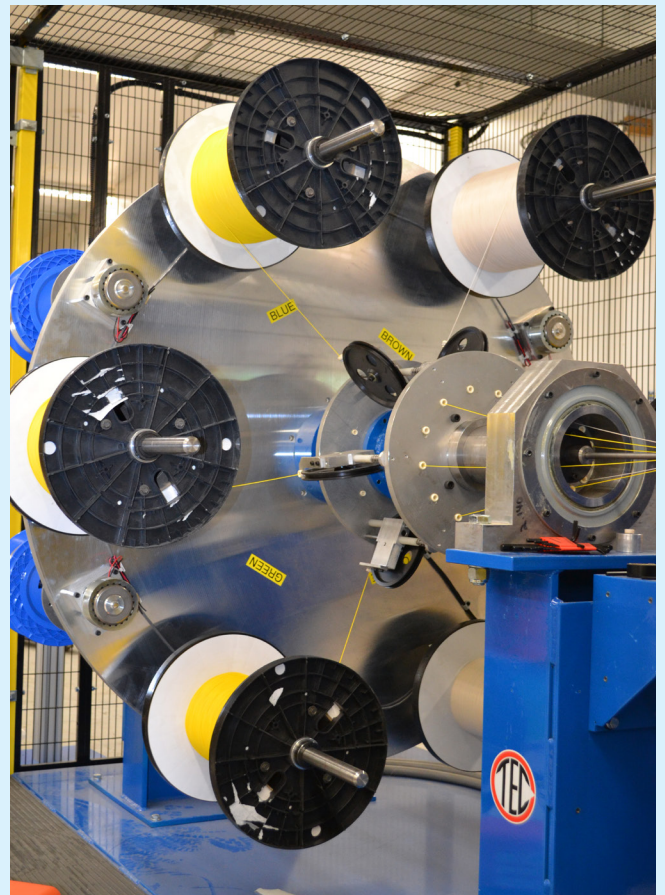
Being in the position for just over a month, Justin has quickly begun contributing to not only sales but to all

TLC departments as a whole. His ability to go above and beyond demonstrates a recipe for success.

Because of his enthusiasm, willingness and ability to learn quickly, he will be going "live" August 2nd 2021 which is 1 month earlier than the usual training period.

His regions will include the North Central US as well as International markets.

TLC is extremely excited to have Justin on board and we look forward to his long and prosperous career!



## Ask Engineering

***I hear the term 'Micro and Macro Bends' used often. What is the difference?***

In fiber optic cables, there are two primary types of bends that can impact the performance - Macro-bends and Micro-bends. Macro-bends are caused by physically bending the cable. These bends are large compared to the diameter of the fiber, and can be reduced by increasing the bend radius of the cable. Micro-bend losses are caused by tiny impurities within the fiber, too small to see with the naked eye. Micro-bends can also be caused by very concentrated external forces, which cause these same deformations at the fiber core/cladding interface.