

NOTES: THIS IS A GENERAL DEPICTION OF QUICKTREX ASSEMBLY BUILD SPECIFICATIONS. FOR FURTHER CUSTOMIZATION CONTACT LANSHACK.

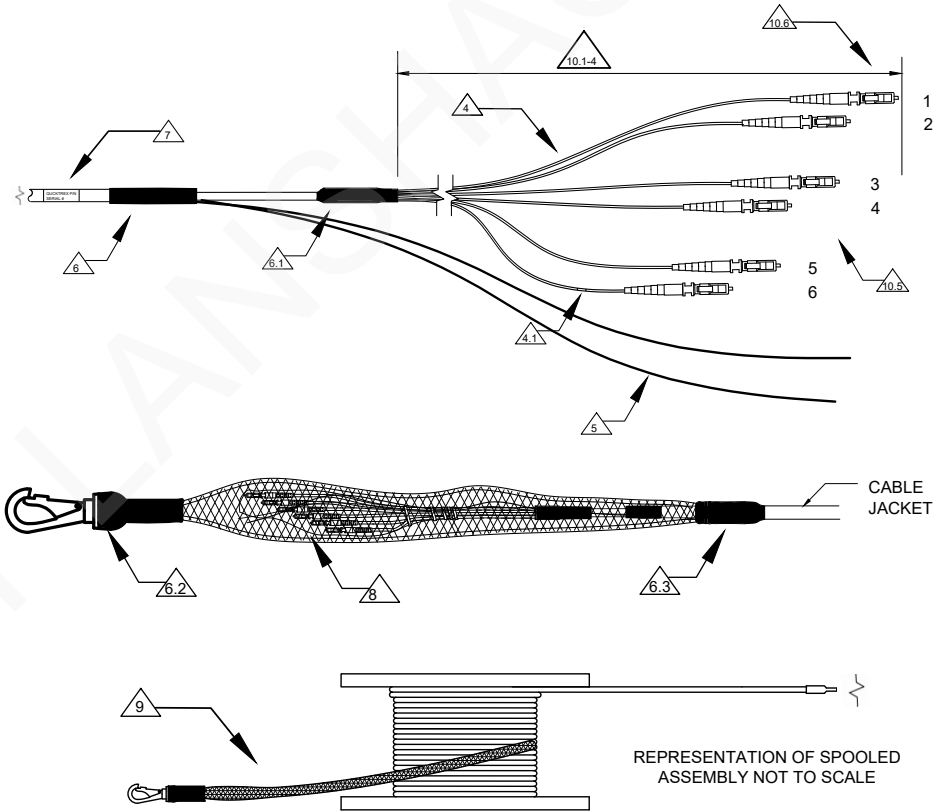


## PRE-TERMINATED HYBRID FIBER OPTIC CABLE ASSEMBLY BUILD SPECIFICATIONS

REV	ECR	DESCRIPTION	BY	DATE	CHECKED
C	-	QUICKTREX BUILD SPECIFICATIONS	T.D.	1/12/2022	A.D.

MANUFACTURED IN THE USA | TAA COMPLIANT

- MATERIALS AND COMPONENTS ARE ROHS/REACH COMPLIANT.
- CONNECTORS MEET THE REQUIREMENTS OF ANSI/TIA 568-C.3.
- ALL FIBER WILL BE CORNING GLASS UNLESS OTHERWISE SPECIFIED.
- ALL MULTI-STRAND FIBER ASSEMBLIES WILL BE CONSTRUCTED USING 2 MM FURCATION TUBING BREAKOUT FOR EACH STRAND.
  - TUBING WILL BE COLOR CODED OR SEQUENTIALLY LABELED.
- COPPER POWER CONDUCTORS WILL INCLUDE PURE STRANDED COPPER
- THE BUFFER TUBES WILL BE FASTENED TO THE OUTER JACKET USING HEAT SHRINK TUBING. HEAT SHRINK TUBING WILL BE USED AT:
  - THE TRANSITION FROM THE MAIN CABLE JACKET TO THE POWER AND FIBER CABLES
  - THE TRANSITION FROM THE BUFFER TUBES TO THE CABLE JACKET.
  - WHERE THE BASKET MEETS THE TURN BUCKLE (PULLEYE HOOK).
  - WHERE THE BASKET ENDS AND THE CONNECTS WITH THE CABLES JACKET.
- ONE WRAP AROUND LABEL IS ATTACHED TO EACH END FOR IDENTIFICATION. THE LABEL WILL INCLUDE THE PART # AND AN INDIVIDUAL SERIAL NUMBER.
- THE BREAKOUT AND CONNECTORS WILL BE PACKAGED IN CLEAR STRETCH PLASTIC TO PROTECT FROM CONTAMINANTS.
- OPTIONAL PULLEYS / BASKETS ARE MADE FROM SUPER STRONG POLYETHYLENE MESH AND FEATURE A FREE SPINNING BUCKLE TO ELIMINATE TWISTING OF THE CABLE DURING THE PULL.
- BREAKOUT LENGTHS VARY DEPENDING ON STRAND COUNT.
  - 2 AND 4 STRAND ASSEMBLIES: 14"
  - 6 STRAND ASSEMBLIES: 18"
  - 12 STRAND ASSEMBLIES: 24"
  - 24 STRAND ASSEMBLIES: 36"
  - CONNECTORS ARE STAGGERED
  - CONNECTOR ONE IS THE LONGEST STRAND
- ALL FIBER ENDS ARE 100% TESTED FOR OPTICAL PERFORMANCE AND INSPECTED WITH A FIBERSCOPE OF 400 POWER OR MORE FOR SURFACE DEFECTS INCLUDING CRACKING, PITTING, AND SCRATCHES ON THE GLASS SURFACE. ALL ENDS ARE TESTED UTILIZING A PROFESSIONAL GRADE LOSS TEST SET TO THE FOLLOWING STANDARDS:
  - MULTIMODE: IL MAX 0.2dB & 50/125: IL MAX 0.2DB, MIN -0.1DB
  - SINGLEMODE: IL MAX 0.2dB MIN -0.1dB ORL (OPTICAL RETURN LOSS) -55dB



NOTE: ASSEMBLIES 100FT AND OVER WILL COME ON A SPOOL. ASSEMBLIES UNDER 100FT WILL BE AIR SPOOLED

DESCRIPTION: THIS IS A SAMPLE REPRESENTATION OF STANDARD QUICKTREX BUILD SPECIFICATIONS

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**LANshack**

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DIMENSIONS: METRIC [IMPERIAL] TITLE: QuickTrex Hybrid Pre-Terminated Fiber Optic Cable Assemblies

<b>PROPRIETARY AND CONFIDENTIAL</b>			SIZE	DWG. NO.	REV
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SCALE: NOT TO SCALE				SHEET 1 OF 1	

QUICKTREX BUILD MATERIAL LIST			CONNECTOR OPTIONS	
ITEM	QTY	COMPONENT		
8	VARIABLES	SWIVEL PULLING EYE & MESH BASKET	LC	
7	1	SPOOL	SC	
7	1	REEL LABEL	ST	
6	2	QUICKTREX CABLE LABEL	FC	
5	VARIABLES	HEAT SHRINK TUBING	POLISH TYPES: PC, UPC, APC	
4	1	TEST REPORT	<b>POWER CONDUCTOR OPTIONS</b>	
3	2	SINGLE LEG BREAKOUT: FIBER STRANDS, 2.0mm FURCATION TUBING	8-18AWG / 2 - 18 CONDUCTORS	
9	VARIABLES	STRANDED COPPER POWER CONDUCTORS	<b>ISO 9001 CERTIFIED</b>	
2	1	CORNING GLASS DISTRIBUTION FIBER		
1	VARIABLES	FIBER OPTIC CONNECTORS		