

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

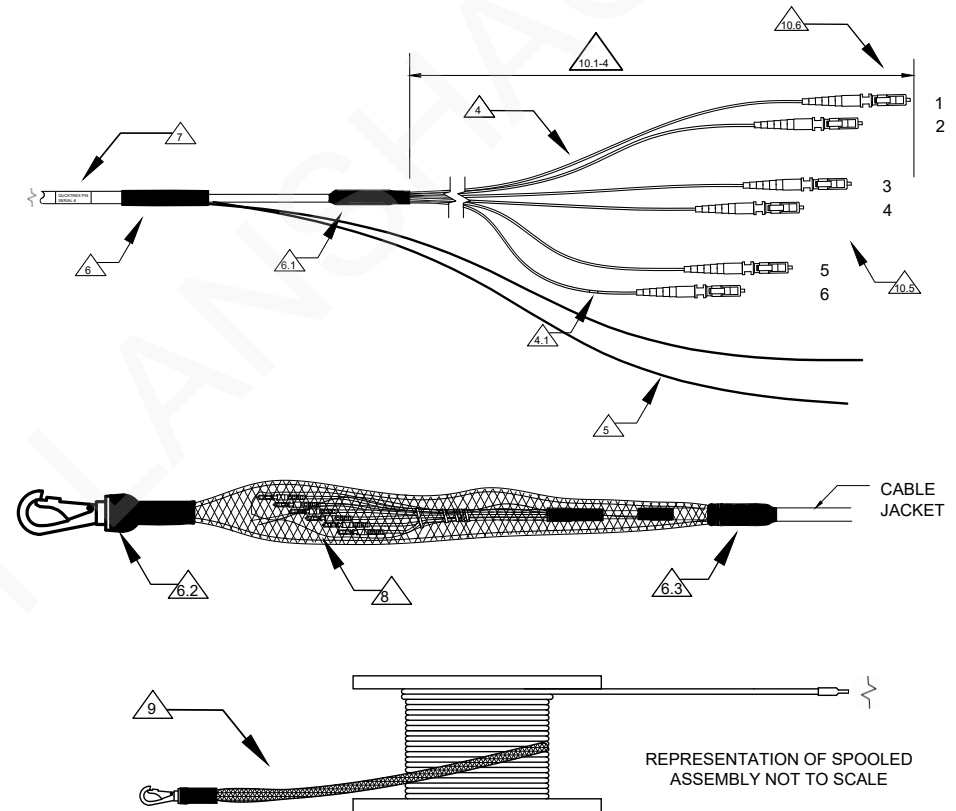


## PRE-TERMINATED HYBRID FIBER OPTIC CABLE ASSEMBLY BUILD SPECIFICATIONS

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 PULLEYES / 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: 62.5/125 & 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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APVD BY:	A. DAMIANO	01/12/2022			
DIMENSIONS: METRIC [IMPERIAL]			TITLE: QuickTrex Hybrid Pre-Terminated Fiber Optic Cable Assemblies		
PROPRIETARY AND CONFIDENTIAL THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF LANSHACK. NOT TO BE USED, COPIED, OR DISCLOSED WITHOUT WRITTEN PERMISSION. ALL RIGHTS RESERVED.			SIZE A	DWG. NO. QT-HPFOA-B-SPECS-100	REV B
			SCALE: NOT TO SCALE		SHEET 1 OF 1

QUICKTREX BUILD MATERIAL LIST			CONNECTOR OPTIONS	
ITEM	QTY	COMPONENT		
8	VARIES	SWIVEL PULLING EYE & MESH BASKET		
7	1	SPOOL		
7	1	REEL LABEL		
6	2	QUICKTREX CABLE LABEL		
5	VARIES	HEAT SHRINK TUBING		
4	1	TEST REPORT		
3	2	SINGLE LEG BREAKOUT: FIBER STRANDS, 2.0mm FURCATION TUBING		
9	VARIES	STRANDED COPPER POWER CONDUCTORS		
2	1	CORNING GLASS DISTRIBUTION FIBER		
1	VARIES	FIBER OPTIC CONNECTORS		
			POWER CONDUCTOR OPTIONS 12-18AWG / 2, 4, 6 CONDUCTORS	
			ISO 9001 CERTIFIED	