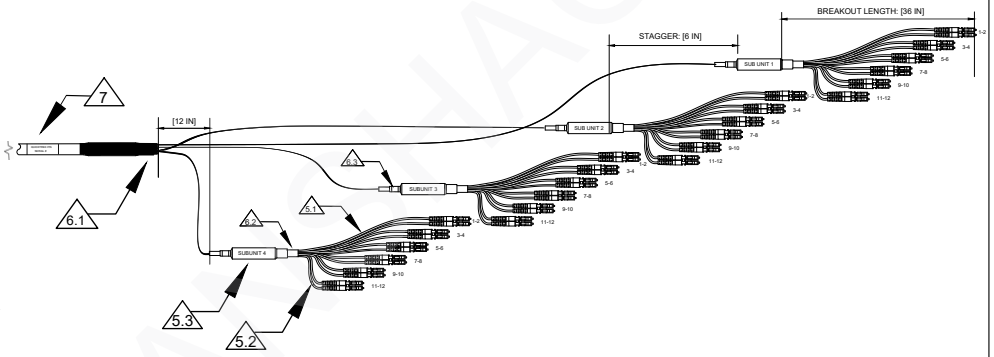
NOTES: THIS IS A GENERAL DEPICTION OF QUICKTREX ASSEMBLY BUILD SPECIFICATIONS. FOR FURTHER CUSTOMIZATION CONTACT LANSHACK.

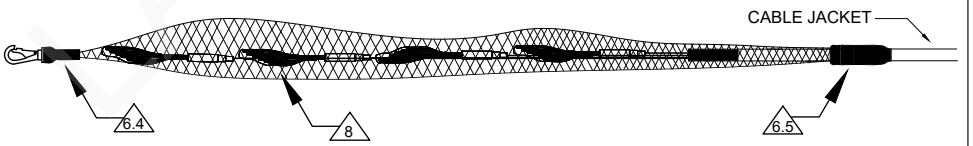
REV	ECR	DESCRIPTION	BY	DATE	CHECKED
C	-	QUICKTREX BUILD SPECIFICATIONS	T.D.	06/20/2021	A.D.

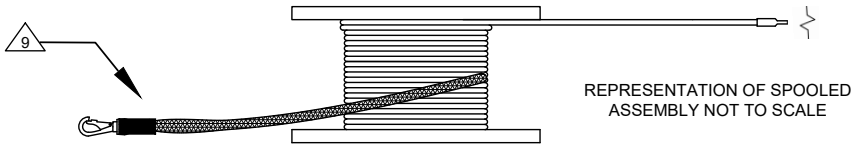
PRE-TERMINATED MICRO-DISTRIBUTION FIBER OPTIC CABLE ASSEMBLY BUILD SPECIFICATIONS (48-288 Strands)

MANUFACTURED IN THE USA | TAA COMPLIANT

1. MATERIALS AND COMPONENTS ARE RoHS/REACH COMPLIANT.
2. CONNECTORS MEET THE REQUIREMENTS OF ANSI/TIA 568-C.3.
3. ALL FIBER WILL BE CORNING GLASS UNLESS OTHERWISE SPECIFIED.
4. THE FIRST MAIN 12 FIBER SUBUNIT BREAKOUT KIT WILL BE 12 INCHES FROM THE MAIN CABLE JACKET AND EACH 12 FIBER SUBUNIT BREAKOUT KIT WILL INCLUDE A 6 INCH STAGGER.
   EACH 12 FIBER SUBUNIT WILL INCLUDE A 36 INCH BREAKOUT AND CONNECTORS WILL BE STAGGERED TO REDUCE THE DIAMETER OF THE PULL BASKET.
5. ALL MICRO-DISTRIBUTION ASSEMBLIES WILL BE CONSTRUCTED USING 12 STRAND GROUPED BREAKOUTS.
   5.1. EACH STRAND WILL INCLUDE 2MM FURCATION TUBING PROVIDING PROTECTION.
   5.2 EACH STRAND WILL BE SEQUENTIALLY LABELED ON BOTH ENDS FOR EASY IDENTIFICATION.
   5.3 EACH 12 STRAND SUB UNIT BREAKOUT KIT WILL ALSO BE SEQUENTIALLY LABELED ON BOTH ENDS FOR EASY IDENTIFICATION OF EACH 12 FIBER SUB UNIT.
6. HEAT SHRINK TUBING AND HIGH STRENGTH ADHESIVE WILL BE USED AT:
   6.1. THE TRANSITION FROM THE MAIN JACKET TO THE 12 STRAND SUBUNIT CABLES.
   6.2. THE TRANSITION FROM THE BUFFER TUBES TO THE SUBUNIT BREAKOUT KIT.
   6.3. THE TRANSITION OF EACH 12 STRAND INNER SUBUNIT CABLE TO THE BREAKOUT KIT
   6.4. WHERE THE BASKET MEETS THE TURN BUCKLE (PULLEYE HOOK).
   6.5. WHERE THE BASKET ENDS AND THE CONNECTS WITH THE MAIN CABLE JACKET.
7. ONE WRAP AROUND LABEL IS ATTACHED TO EACH END FOR IDENTIFICATION. THE LABEL WILL INCLUDE THE PART # AND AN INDIVIDUAL SERIAL NUMBER.
8. THE BREAKOUT AND CONNECTORS WILL BE PACKAGED IN CLEAR STRETCH PLASTIC TO PROTECT FROM CONTAMINANTS.
9. 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.
10. 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







REPRESENTATION OF SPOOLED ASSEMBLY NOT TO SCALE

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

ITEM	QTY	QUICKTREX BUILD MATERIAL LIST 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	VARIES	MULTI LEG BREAKOUT: FIBER STRANDS, 2.0mm FURCATION TUBING
2	1	CORNING GLASS DISTRIBUTION FIBER
1	VARIES	FIBER OPTIC CONNECTORS

CONNECTOR OPTIONS

LC

SC

ST

FC

POLISH TYPES: PC, UPC, APC

ISO 9001 CERTIFIED

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

DRAWN BY:	T. DAMIANO	06/19/2021
APVD BY:	A. DAMIANO	06/20/2021

LANshack
1-888-568-1230 or Sales@LANshack.com

DIMENSIONS: METRIC [IMPERIAL]

TITLE: QuickTreX Pre-Terminated Fiber Optic Cable Assemblies (Micro-Distribution 48-288 Strands)

SIZE	DWG. NO.	REV
A	QT-PFOA-MD-B-SPECS-100	C

SCALE: NOT TO SCALE

SHEET 1 OF 1