

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.	6/11/2021	A.D.

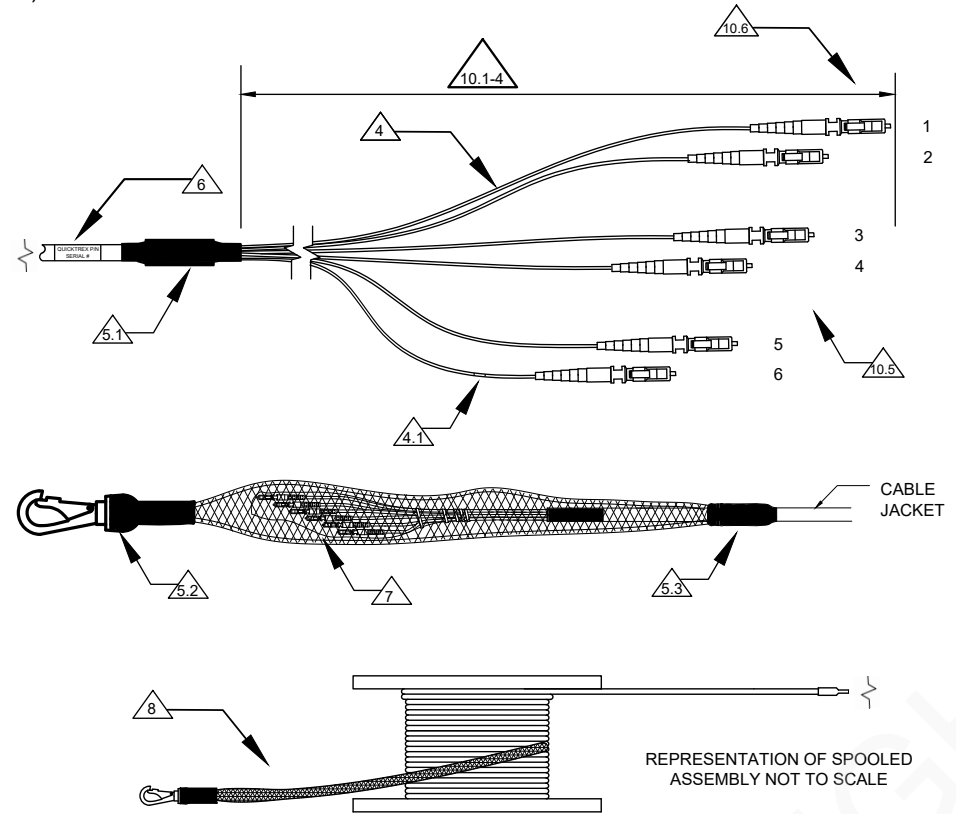


PRE-TERMINATED FIBER OPTIC CABLE ASSEMBLY BUILD SPECIFICATIONS

(FOR COMMSCOPE® OSP ASSEMBLIES)

MANUFACTURED IN THE USA | TAA COMPLIANT

1. MATERIALS AND COMPONENTS ARE ROHS/REACH COMPLIANT.
2. CORNING AFOP CONNECTORS MEET THE REQUIREMENTS OF ANSI/TIA 568-C.3.
3. ALL FIBER WILL BE COMMSCOPE GLASS UNLESS OTHERWISE SPECIFIED.
4. ALL MULTI-STRAND FIBER ASSEMBLIES WILL BE CONSTRUCTED USING 2 MM UV RATED FURCATION TUBING BREAKOUT FOR EACH STRAND.
 - 4.1. TUBING WILL BE SEQUENTIALLY LABELED.
5. THE BUFFER TUBES WILL BE FASTENED TO THE OUTER JACKET USING HEAT SHRINK TUBING & OSP RATED BREAKOUT. HEAT SHRINK TUBING WILL BE USED AT:
 - 5.1. THE TRANSITION FROM THE BUFFER TUBES/BREAKOUT KIT TO THE CABLE JACKET.
 - 5.2. WHERE THE BASKET MEETS THE TURN BUCKLE (PULLEYE HOOK).
 - 5.3. WHERE THE BASKET ENDS AND THE CONNECTS WITH THE CABLES JACKET.
6. ONE WRAP AROUND LABEL IS ATTACHED TO EACH END FOR IDENTIFICATION. THE LABEL WILL INCLUDE THE PART # AND AN INDIVIDUAL SERIAL NUMBER.
7. THE BREAKOUT AND CONNECTORS WILL BE PACKAGED IN CLEAR STRETCH PLASTIC TO PROTECT FROM CONTAMINANTS.
8. 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.
9. BREAKOUT LENGTHS VARY DEPENDING ON STRAND COUNT.
 - 9.1. 2 AND 4 STRAND ASSEMBLIES: 14"
 - 9.2. 6 STRAND ASSEMBLIES: 18"
 - 9.3. 12 STRAND ASSEMBLIES: 24"
 - 9.4. 24 STRAND ASSEMBLIES: 36"
 - 9.5. CONNECTORS ARE STAGGERED
 - 9.6. CONNECTOR ONE IS THE LONGEST STRAND
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



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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DIMENSIONS: METRIC [IMPERIAL]		TITLE: QuickTrex Pre-Terminated Fiber Optic Cable Assemblies	
PROPRIETARY AND CONFIDENTIAL	SIZE A	DWG. NO. QT-PFOA-OSP-CA-SPECS-100	REV E
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF LANSHACK. NOT TO BE USED, COPIED, OR DISCLOSED WITHOUT WRITTEN PERMISSION. ALL RIGHTS RESERVED.			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	
4	1	TEST REPORT	
3	2	SINGLE LEG BREAKOUT: FIBER STRANDS, 2.0mm FURCATION TUBING	POLISH TYPES: PC, UPC, APC
2	1	COMMSCOPE GLASS DISTRIBUTION FIBER	ISO 9001 CERTIFIED
1	VARIABLES	FIBER OPTIC CONNECTORS	