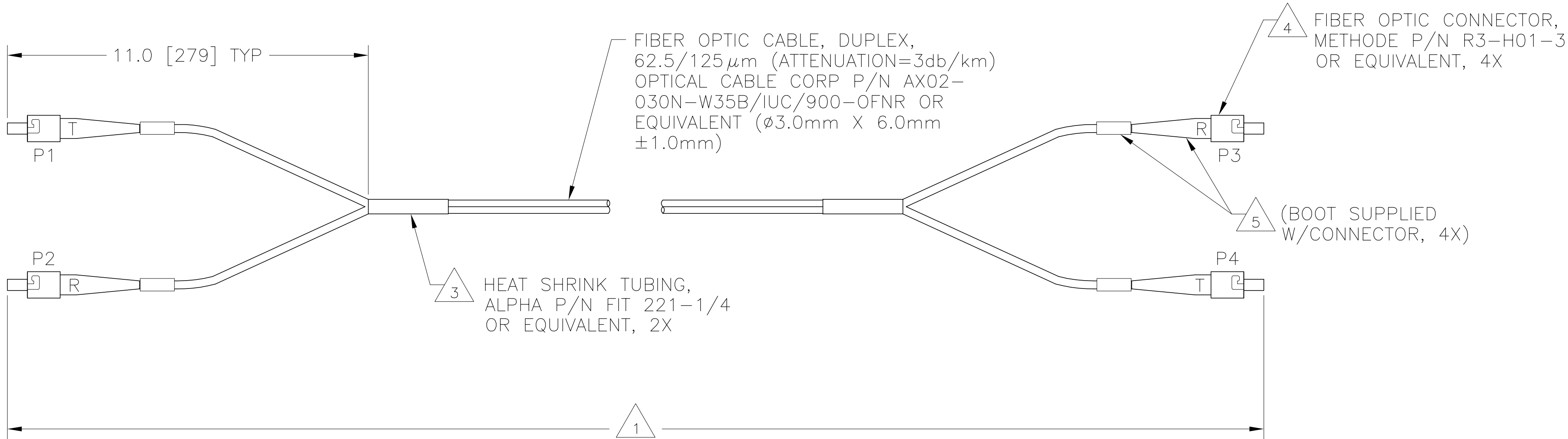


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
3	REFER TO DATABASE FOR DRAWING STATUS		



9. ALL COMPONENTS AND MATERIALS SHALL COMPLY WITH THE RESTRICTION OF HAZARDOUS SUBSTANCES (RoHS) DIRECTIVE PER NI SPECIFICATION 279801A-01.
8. CABLE ASSEMBLY SHALL BE PACKAGED IN PLASTIC BAG OR SUPPLIED ON CABLE REEL. THE CONNECTORS SHALL HAVE PLASTIC COVERS INSTALLED ON THEM. THE PACKAGE SHALL BE MARKED WITH THE MANUFACTURER NAME, MANUFACTURER PART NUMBER AND REVISION, NI PART NUMBER AND REVISION, LENGTH, DATE OF MANUFACTURE, PURCHASE ORDER NUMBER AND NI PART NUMBER BAR CODE LABEL.
7. THE COMPLETED CABLE ASSEMBLY SHALL BE TESTED WITH A FIBER OPTIC TESTER. A MECHANICAL CHECK SHALL BE DONE TO ASSURE THAT THE CONNECTORS ARE INSTALLED ONTO THE CABLE PER MANUFACTURER SPECIFICATIONS AND IS ASSEMBLED PER THIS DRAWING.
6. CABLE ASSEMBLY SHALL BE LABELED PER NI LABELING SPECIFICATION 282171A-01, TYPE 1-A.

5 THE CABLE TO CONNECTOR JUNCTION SHALL BE COVERED WITH A BOOT OR HEAT SHRINK TUBING. IF A BOOT IS USED, ENSURE THAT THE BOOT IS SECURE ON THE CONNECTOR. THE BOOT OR HEAT-SHRINK TUBING IS TO BE MARKED WITH A "T" FOR TRANSMITTER AND 'R' FOR RECEIVER AT OPPOSITE ENDS OF EACH CABLE. ONE OF THE THREE FOLLOWING MATERIALS MAY BE USED AND INSTALLED AS SHOWN. PERMANENT INKS PAINT OR HOT STAMPING IS ACCEPTABLE. A CABLE LABEL MAY ALSO BE USED.

4 INSTALL CONNECTORS P1-P4 (METHODE P/N R3-H01-3) PER MANUFACTURER SPECIFICATIONS.

3 INSTALL HEAT SHRINK TUBING (ALPHA P/N FIT 221-1/4) ONTO CABLE AS SHOWN TO PREVENT DUPLEX FIBER OPTIC CABLE FROM SPLITTING.

2. ASSEMBLE AS SHOWN ABOVE. DO NOT SUBSTITUTE OR CHANGE PARTS WITHOUT WRITTEN APPROVAL FROM NI ENGINEERING. ALL PARTS MUST BE UL AND CSA RECOGNIZED, CERTIFIED OR APPROVED. VENDOR SHALL SUPPLY NI ENGINEERING A FIRST ARTICLE FOR APPROVAL BEFORE CABLE IS MANUFACTURED.

1 DASH NUMBER (-XXX) EQUALS CABLE LENGTH IN METERS. AN 'R' IS USED TO INDICATE A DECIMAL POINT AND A 'K' IS USED TO INDICATE THOUSANDS (-0R5 EQUALS 0.5 METERS, -001 EQUALS 1 METER, -010 EQUALS 10 METERS, -100 EQUALS 100 METERS, -01K EQUALS 1000 METERS, -1R5K EQUALS 1500 METERS, -10K EQUALS 10,000 METERS. SEE TABLE 1 FOR TOLERANCES.

NOTES: UNLESS OTHERWISE SPECIFIED.

TABLE 1	
CABLE LENGTH	TOLERANCE
<100M	±5M
>100M	±10M

SPECIFICATION CONTROL DRAWING

A CURRENT ISSUE OF THIS DRAWING MUST INCLUDE A COPY OF THE FOLLOWING ECO'S: ECO _____ DATE _____ ECO _____ DATE _____ ECO _____ DATE _____ ECO _____ DATE _____ ECO _____ DATE _____ ECO _____ DATE _____		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND [MILLIMETERS] TOLERANCES ARE: .XX[.X]±.01[.3] ANGLES .XXX[.XX]±.005[.13] ±2" DO NOT SCALE DRAWING		NATIONAL INSTRUMENTS® AUSTIN, TEXAS	
				TITLE	
				CABLE ASSY, FIBER OPTIC, DUPLEX, ST CONNECTOR, TYPE T7	
				SIZE CODE IDENT NO. DRAWING NO.	
APPROVALS		DATE		REV	
DRAWN H. HOFFMEYER		1/18/95		3	
REVISED D. GRAVES		9/11/07			
CHECKED M. VACKAR		9/11/07			
TECH					
ENGR M. BUTLER		9/11/07			
FINISH					
				SCALE: NONE	
				SHEET 1 OF 1	