

REV	MCO	DWN	DATE
B	20263623	JCR	19-JUN-09
C	20293514	XVL	24-AUG-10

1.0 SCOPE

THIS SPECIFICATION DEFINES THE REQUIREMENTS FOR CONNECTORS OPTIMIZED FOR FIELD INSTALLATION

2.0 APPLICABLE DOCUMENTS

- 2.1 ORDER OF PRECEDENCE
IN CASE OF CONFLICT, THE FOLLOWING ORDER OF PRECEDENCE SHALL APPLY:
A: PURCHASE ORDER
B: THIS SPECIFICATION

- 2.2 REFERENCE DOCUMENTS
THE FOLLOWING DOCUMENTS FORM A PART OF THIS SPECIFICATION TO THE EXTENT SPECIFIED HEREIN.

TIA/EIA-568-B.3: OPTICAL FIBER CABLING COMPONENTS STANDARD.
TIA/EIA-604-2 FIBER OPTIC CONNECTOR INTERMATEABILITY STANDARDS, TYPE ST (FOCIS-2)
TIA/EIA-604-3 FIBER OPTIC CONNECTOR INTERMATEABILITY STANDARDS, TYPE SC (FOCIS-3)
TIA/EIA-604-10A FIBER OPTIC INTERMATEABILITY STANDARD-TYPE LC, (FOCIS 10A)
UL94 TEST FOR FLAMMABILITY OF PLASTIC MATERIALS

3.0 REQUIREMENTS

- 3.1 CONNNECTOR TYPE: SEE TABLE
- 3.2 NO EPOXY AND NO POLISHING REQUIRED
- 3.3 INSERTION LOSS: SEE TABLE
- 3.4 RETURN LOSS: SEE TABLE

- 3.5 PERFORMANCE:
CONNECTOR MUST BE CAPABLE OF MEETING ALL APPLICABLE REQUIREMENTS OF SPECIFICATIONS
TIA/EIA-568-B.3, CURRENT ISSUE TIA/EIA-604-10A (FOCIS 10), TIA/EIA-604-2 (FOCIS 2),
TIA/EIA-604-3 (FOCIS 3)

4.0 QUALITY ASSURANCE PROVISIONS

- 4.1 ADC WILL REQUIRE A WRITTEN CERTIFICATION ON OR BEFORE THE FIRST LOT SHIPMENT OF PRODUCT, THAT STATES THAT THE ITEM HEREIN SPECIFIED MEETS OR EXCEEDS THE REQUIREMENTS OF UL SPECIFICATIONS.
- A BLANKET CERTIFICATION IS PREFERRED FOR ALL RELEASES (INDIVIDUAL LOTS) TO EACH PURCHASE ORDER FOR THE SPECIFIC PART OR ITEM NUMBER.
- 4.2 QUALITY CONFORMANCE INSPECTION
BUYER RESERVES THE RIGHT TO RETURN AT THE MANUFACTURER'S EXPENSE ANY NONCONFORMING MATERIALS OR LOTS WHICH DO NOT MEET SAMPLING INSPECTION REQUIREMENTS.
- 4.3 DESIGN AND PROCESS CHANGE
NO CHANGES IN MATERIAL, DESIGN, OR PROCESS WHICH WILL AFFECT FORM, FIT OR FUNCTION SHALL BE MADE BY MANUFACTURER AFTER SAMPLE APPROVAL WITHOUT WRITTEN AUTHORITY FROM THE BUYER. THE TERM "FUNCTION" IMPLIES SECTION 3.0 PARAMETERS. ANY CHANGE THAT AFFECTS THE TERMINATION PROCESS MUST BE APPROVED BEFORE IMPLEMENTATION.

- 5.0 PACKAGING AND HANDLING REQUIREMENTS
CONNECTORS ARE TO BE PACKAGED IN PLASTIC BAGS.
BULK PACKAGING OF 100 PIECES IN A BAG IS ACCEPTABLE

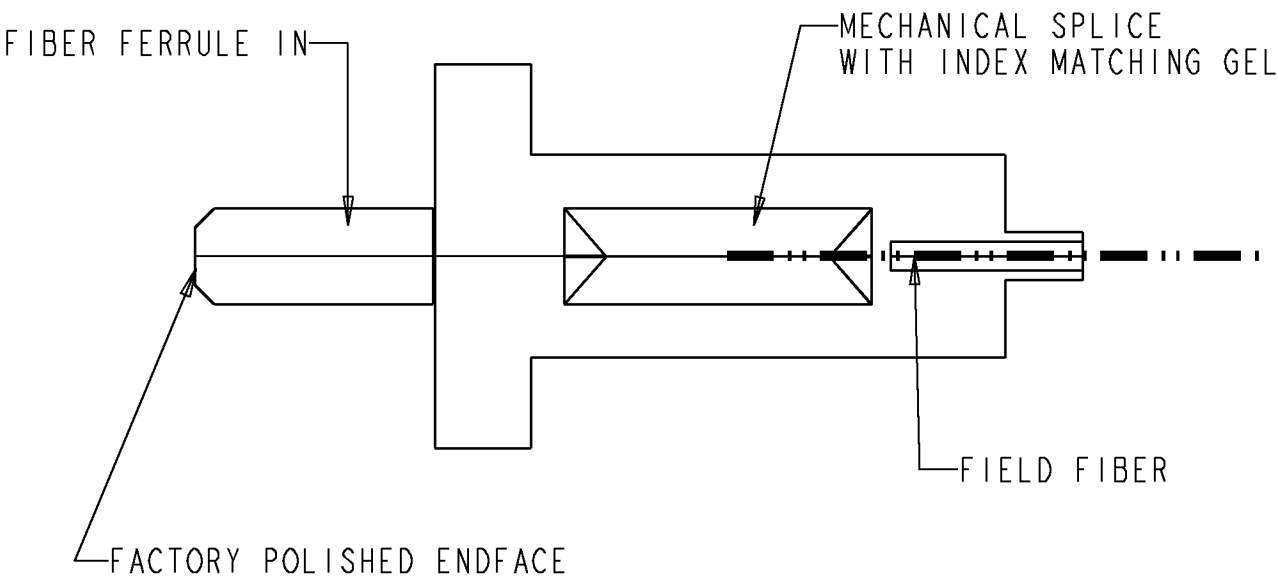
- 5.1 SHIPPING CONTAINER MARKING(S)

SHIPPING CONTAINERS SHALL BE MARKED WITH THE FOLLOWING AS A MINIMUM:

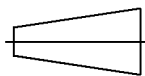
1. MANUFACTURER'S NAME AND/OR LOGO
2. ADC PART NUMBER
3. ADC PURCHASE ORDER NUMBER
4. QUANTITY ENCLOSED
5. (PREFERRED BUT OPTIONAL INFORMATION):
NUMBER OF SEPARATE PACKAGES/BOXES
("BOX # -----OF -----BOXES").

- 5.2 HANDLING
PRODUCT WILL BE PACKAGED IN A MANNER THAT WILL PROVIDE PROTECTION FROM DAMAGE DURING SHIPMENT, HANDLING, AND STORAGE.

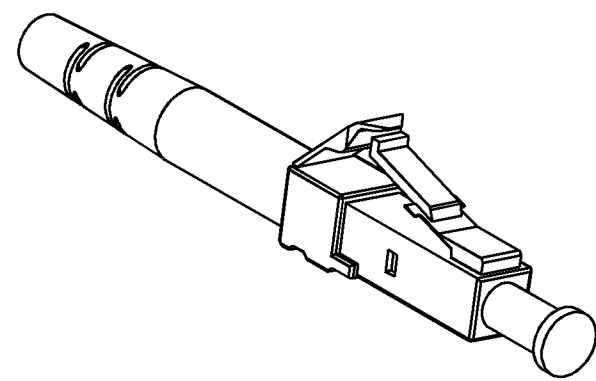
- 5.2.1 WEIGHT: 40 LBS MAX PER PACKAGE.



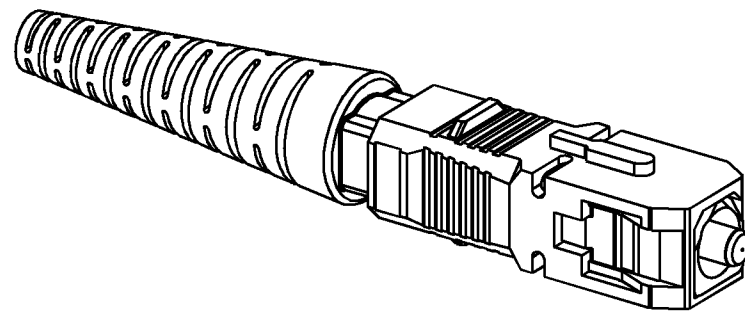
INFORMATION ON THIS DOCUMENT IS PROPRIETARY TO ADC AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF ADC.		TITLE FIELD INSTALLABLE CONNECTOR DWG	
ALL DIMS AND TOLERANCES ARE INCHES UNLESS OTHERWISE SPECIFIED	.XX:±N/A .XXX:±N/A ANGULAR:±N/A	C SIZE	DRAWING NUMBER 1474178
DO NOT SCALE DRAWING		ENGR: RICARDO ARMENDARIZ DWN: ASIEL VAZQUEZ	C REV
		SHT. 1 OF 2	



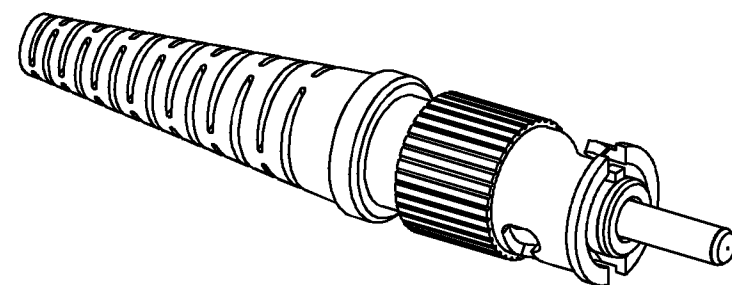
DIMENSIONS IN INCHES
THIRD ANGLE PROJECTION



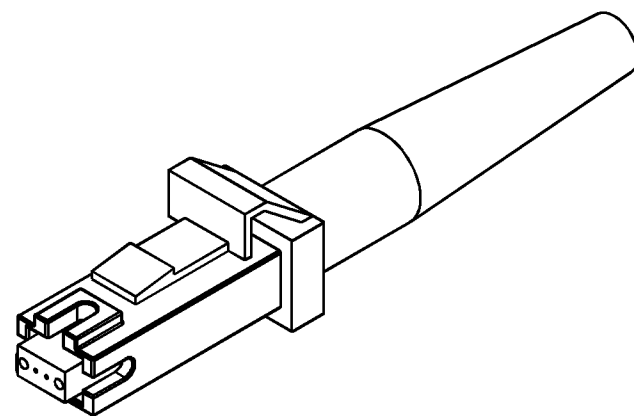
LC CONNECTOR
REF



SC CONNECTOR
REF



ST CONNECTOR
REF



MT CONNECTOR
REF

FIMTM5MM32	FIMT- M5MM-32	MT	FI 50um MTRJ CMP FERR	0.3 dB	>20 dB	I
FILC-M6MM-30	FILC-M6MM-30	LC	MULTIMODE CONN 62.5um CERAMIC FERRULE	0.3 dB	>20 dB	I
I374606	FISC-M5UM-30	SC	MULTIMODE CONN 50um, BLACK HOUSING	0.3 dB	>20 dB	2
I374625	FIST-M5UM-30	ST	MULTIMODE CONN 50um, CERAMIC FERRULE	0.3 dB	>20 dB	I
I374628	FILC-M5MU-30	LC	MULTIMODE CONN 50um, CERAMIC FERRULE	0.3 dB	>20 dB	2
6-00000-0924	FIST-SMUP-30	ST	SINGLE MODE CONN. ULTRA PC	0.3 dB	-55 dB (+18° C to +26° C)	I
6-00000-0728	FILC-M5MM-30	LC	MULTIMODE CONN. 50um, BLACK HOUSING	0.4 dB	---	I
6-00000-0459	FISC-M5MM-30	SC	MULTIMODE CONN. 50/125 ,CERAMIC FERRULE	0.3 dB	> 20 dB	I
I702815	FISC-SMSP-30	SC	SINGLE MODE CONN. SUPER PC, WHITE BOOT	0.3 dB	-40 dB (+18° C TO +26° C)	A
PART NUMBER	CATALOG NUMBER	CONNECTOR STYLE	DESCRIPTION	INSERTION LOSS	RETURN LOSS	REV



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ALL DIMS AND TOLERANCES .XX:±N/A
ARE INCHES UNLESS .XXX:±N/A
OTHERWISE SPECIFIED ANGULAR:±N/A

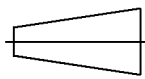
DO NOT SCALE DRAWING

ENGR: RICARDO ARMENDARIZ
DWN: ASIEL VAZQUEZ

TITLE
FIELD INSTALLABLE
CONNECTOR DWG

C
SIZE
DRAWING NUMBER
1474178
C
REV

SHT. 2 OF 2



**DIMENSIONS IN INCHES
THIRD ANGLE PROJECTION**