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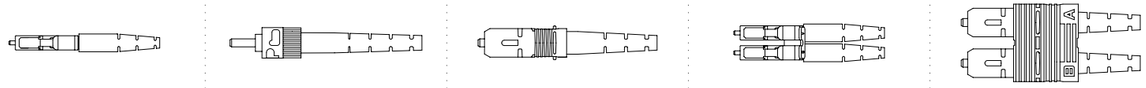
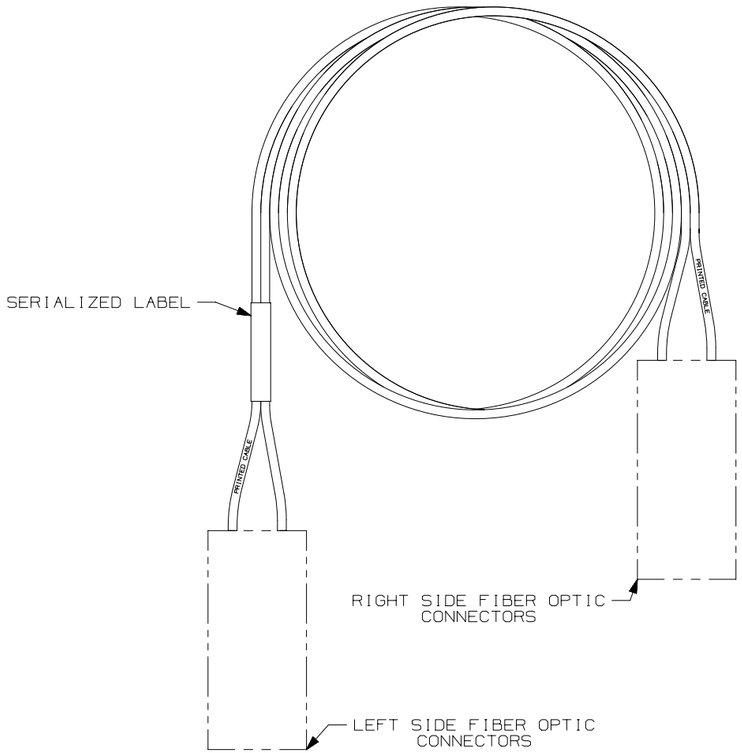
FIBER OPTIC CONNECTOR TYPES

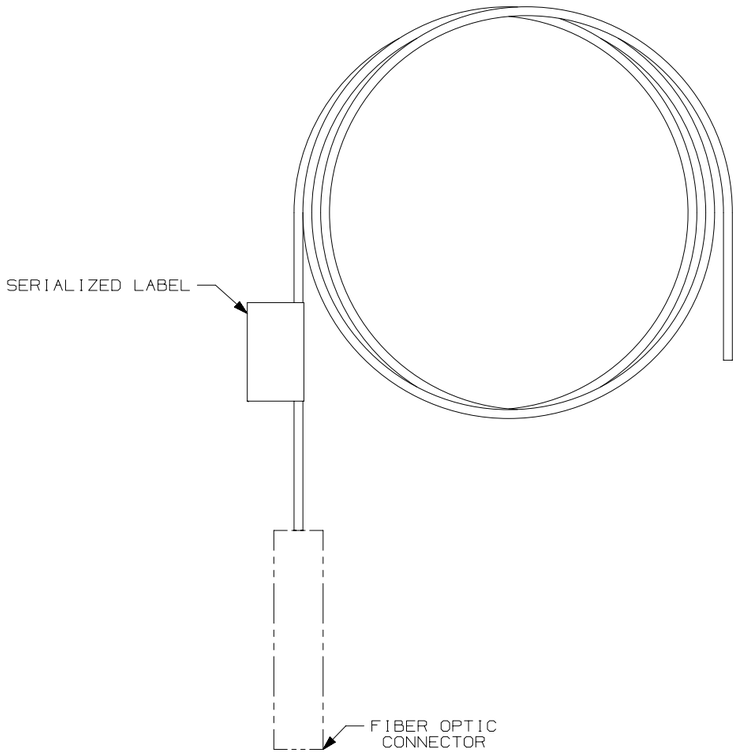
(POSITIONS 9 AND 11 OF PART NUMBER)



SIMPLEX LC (TYPE 1)	ST (TYPE 2)	SIMPLEX SC (TYPE 3)	DUPLEX LC (TYPE L)	DUPLEX SC (TYPE S)



FOR 1.6mm/1.8mm/2.0mm/3.0mm DUPLEX PATCHCORD CABLE ASSEMBLIES



FOR 900um SIMPLEX PIGTAIL CABLE ASSEMBLIES

1 NOTES:
1. CABLE ASSEMBLY (WITH CONNECTORS):
   A. SEE SHEET 2 FOR PART NUMBER MATRIX.
   B. CANNOT BE LESS THAN THE LENGTH SPECIFIED IN THE PART NUMBER.
   C. THE MAXIMUM CABLE LENGTH IS NOT TO EXCEED 10cm (4") OVER SPECIFIED LENGTH FOR LESS THAN 10 METER; AND +1%/-0% GREATER THAN 10 METERS.
   D. TIP TO TIP LENGTH IS MEASURED WITHOUT DUST CAPS INSTALLED.
   E. PATCHCORD ROUTING CONFIGURATION IS "A" TO "B".
   F. THIS DRAWING SHALL BE APPLICABLE TO ANY LENGTH PATCHCORD AS DESIGNATED BY THE PART NUMBER, WHERE M=METER.
2. TECHNICAL SPECIFICATIONS:
   A. OPERATING TEMPERATURE RANGE IS FROM -10°C TO +60°C.
   B. CONNECTORS ARE 'FOCIS' COMPLIANT.
   C. CABLE ASSEMBLIES COMPLY WITH THE REQUIREMENTS OF TIA/EIA-568-C.3 OR EQUIVALENT IEC STANDARDS.
   D. ALL MATERIALS AND COMPONENTS USED MUST MEET THE MATERIAL RESTRICTIONS OF RoHS, (EUROPEAN DIRECTIVE 2011/65/EC ON THE RESTRICTION OF HAZARDOUS SUBSTANCES) AS PROPOSED BY THE RoHS TECHNICAL ADAPTATION COMMITTEE.
3. PACKAGING:
   A. CABLE ASSEMBLY SHIPPED WITH DUST CAPS INSTALLED.
   B. UNIT QUANTITY: 1 PATCHCORD/PIGTAIL PER BAG.

C BUFFER COLORS FOR PIGTAIL KITS:

BUFFER COLORS FOR PIGTAIL KITS:
BLUE
ORANGE
GREEN
BROWN
SLATE
WHITE
RED
BLACK
YELLOW
VIOLET
ROSE
AQUA

CONNECTOR INSERTION/RETURN LOSS SPECIFICATIONS

CONNECTOR TYPE	MAXIMUM INSERTION LOSS (PER CONNECTOR)		MINIMUM RETURN LOSS (PER CONNECTOR)		
	SM PC	MM PC	SM PC	MM PC	MM PC (OM3) (OM4)
NETKEY LC	0.30dB	0.30dB	50dB	20dB	26dB
NETKEY SC	0.30dB	0.30dB	50dB	20dB	26dB
NETKEY ST	0.30dB	0.30dB	50dB	20dB	26dB

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN
02	2/16/17	JSP	FJDU	RWI	C. ADDED BUFFER COLOR CHART. B. ADDED 12-COLOR FIBER PIGTAIL SET CHART.	M01302DD-DC
01	1/24/17	JSP	FJDU	RWI	A. ADDED OM4 PATCH CORDS AND PIGTAILS.	M01302DD-DC
00	06-05-14	SAT	JGD	RWB	RELEASED TO PRODUCTION	M01302DD-DC

TITLE: NETKEY PATCHCORDS AND PIGTAILS

CUSTOMER DRAWING

ITEM REVISION NAME: M01302DD/00

DATASET FILE NAME: M01302DD_DC/00C

UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]
.x ± .03 [.762] .xxx ± .005 [.127]
.xx ± .01 [.25] ANGLES ± 1 °
THIRD ANGLE PROJECTION

PART NUMBER: SEE SHEET 2

DRAWING NUMBER: M01302DD-DC

DRAWN BY	DATE	CHK	SCALE	SHT 1 OF 2	SIZE
SAT	06-05-14	JGD	NONE		B

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PANDUIT NETKEY PATCHCORDS & PIGTAILS

PANDUIT PART NUMBER (SEE NOTE 1)	PIGTAIL DESCRIPTION
NKFP61BN1NNM001	NK OM1 1 FIBER 900um BUFFERED PIGTAIL LC - 1 METER
NKFP51BN1NNM001	NK OM2 1 FIBER 900um BUFFERED PIGTAIL LC - 1 METER
NKFPX1BN1NNM001	NK OM3 1 FIBER 900um BUFFERED PIGTAIL LC - 1 METER
NKFPZ1BN1NNM001	NK OM4 1 FIBER 900um BUFFERED PIGTAIL LC - 1 METER
NKFP91BN1NNM001	NK OS2 1 FIBER 900um BUFFERED PIGTAIL LC - 1 METER
NKFP91BN3NNM001	NK OM1 1 FIBER 900um BUFFERED PIGTAIL SC - 1 METER
NKFP91BN3NNM001	NK OM2 1 FIBER 900um BUFFERED PIGTAIL SC - 1 METER
NKFP91BN3NNM001	NK OM3 1 FIBER 900um BUFFERED PIGTAIL SC - 1 METER
NKFP91BN3NNM001	NK OS2 1 FIBER 900um BUFFERED PIGTAIL SC - 1 METER
NKFP61BN2NNM001	NK OM1 1 FIBER 900um BUFFERED PIGTAIL ST - 1 METER
NKFP51BN2NNM001	NK OM2 1 FIBER 900um BUFFERED PIGTAIL ST - 1 METER
NKFPX1BN2NNM001	NK OM3 1 FIBER 900um BUFFERED PIGTAIL ST - 1 METER
NKFP91BN2NNM001	NK OS2 1 FIBER 900um BUFFERED PIGTAIL ST - 1 METER

NOTES:
1. PIGTAIL PART NUMBERS AVAILABLE AS 1 METER ONLY.
2. PATCH CORD PART NUMBERS SHOWN AS 1 METER. PATCHCORDS ALSO AVAILABLE IN LENGTHS OF 2, 3, 4, 5, 10, 15, AND 20 METERS. SUBSTITUTE LAST 3 DIGITS OF PART NUMBER 001 WITH 002, 003, 004, 005, 010, 015, OR 020 FOR LENGTH CHANGES.

PANDUIT PART NUMBER (SEE NOTE 1)	12-COLOR FIBER PIGTAIL
NKFP91BN1NKM001	NK OS2 1 FIBER 900um BUFFERED PIGTAIL LC-12-COLOR FIBER SET - 1 METER EACH
NKFPX1BN1NKM001	NK OM3 1 FIBER 900um BUFFERED PIGTAIL LC-12-COLOR FIBER SET - 1 METER EACH
NKFPZ1BN1NKM001	NK OM4 1 FIBER 900um BUFFERED PIGTAIL LC-12-COLOR FIBER SET - 1 METER EACH

PANDUIT PART NUMBER (SEE NOTES 2)	PATCHCORD DESCRIPTION
NKFP62ERLLSM001	NK OM1 2 FIBER 1.6mm RISER JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFP52ERLLSM001	NK OM2 2 FIBER 1.6mm RISER JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFPX2ERLLSM001	NK OM3 2 FIBER 1.6mm RISER JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFP92ERLLSM001	NK OS2 2 FIBER 1.6mm RISER JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFP62ELLLSM001	NK OM1 2 FIBER 1.6mm LSZH JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFP52ELLLSM001	NK OM2 2 FIBER 1.6mm LSZH JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFPX2ELLLSM001	NK OM3 2 FIBER 1.6mm LSZH JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFP92ELLLSM001	NK OS2 2 FIBER 1.6mm LSZH JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFPZ22RLLSM001	NK OM4 2 FIBER 2.0mm RISER JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFPZ22LLLSM001	NK OM4 2 FIBER 2.0mm LSZH JACKET PATCH CORD LC - LC DUPLEX - 1 METER
NKFP623RSSSM001	NK OM1 2 FIBER 3.0mm RISER JACKET PATCH CORD SC - SC DUPLEX - 1 METER
NKFP523RSSSM001	NK OM2 2 FIBER 3.0mm RISER JACKET PATCH CORD SC - SC DUPLEX - 1 METER
NKFPX23RSSSM001	NK OM3 2 FIBER 3.0mm RISER JACKET PATCH CORD SC - SC DUPLEX - 1 METER
NKFP923RSSSM001	NK OS2 2 FIBER 3.0mm RISER JACKET PATCH CORD SC - SC DUPLEX - 1 METER
NKFP623LSSSM001	NK OM1 2 FIBER 3.0mm LSZH JACKET PATCH CORD SC - SC DUPLEX - 1 METER
NKFP523LSSSM001	NK OM2 2 FIBER 3.0mm LSZH JACKET PATCH CORD SC - SC DUPLEX - 1 METER
NKFPX23LSSSM001	NK OM3 2 FIBER 3.0mm LSZH JACKET PATCH CORD SC - SC DUPLEX - 1 METER
NKFP923LSSSM001	NK OS2 2 FIBER 3.0mm LSZH JACKET PATCH CORD SC - SC DUPLEX - 1 METER
NKFP623R22SM001	NK OM1 2 FIBER 3.0mm RISER JACKET PATCH CORD ST - ST DUPLEX - 1 METER
NKFP523R22SM001	NK OM2 2 FIBER 3.0mm RISER JACKET PATCH CORD ST - ST DUPLEX - 1 METER
NKFPX23R22SM001	NK OM3 2 FIBER 3.0mm RISER JACKET PATCH CORD ST - ST DUPLEX - 1 METER
NKFP923R22SM001	NK OS2 2 FIBER 3.0mm RISER JACKET PATCH CORD ST - ST DUPLEX - 1 METER
NKFP623L22SM001	NK OM1 2 FIBER 3.0mm LSZH JACKET PATCH CORD ST - ST DUPLEX - 1 METER
NKFP523L22SM001	NK OM2 2 FIBER 3.0mm LSZH JACKET PATCH CORD ST - ST DUPLEX - 1 METER
NKFPX23L22SM001	NK OM3 2 FIBER 3.0mm LSZH JACKET PATCH CORD ST - ST DUPLEX - 1 METER
NKFP923L22SM001	NK OS2 2 FIBER 3.0mm LSZH JACKET PATCH CORD ST - ST DUPLEX - 1 METER
NKFP62ERLSSM001	NK OM1 2 FIBER 1.6mm RISER JACKET PATCH CORD LC - SC DUPLEX - 1 METER
NKFP52ERLSSM001	NK OM2 2 FIBER 1.6mm RISER JACKET PATCH CORD LC - SC DUPLEX - 1 METER
NKFPX2ERLSSM001	NK OM3 2 FIBER 1.6mm RISER JACKET PATCH CORD LC - SC DUPLEX - 1 METER
NKFP92ERLSSM001	NK OS2 2 FIBER 1.6mm RISER JACKET PATCH CORD LC - SC DUPLEX - 1 METER
NKFP62ELLSSM001	NK OM1 2 FIBER 1.6mm LSZH JACKET PATCH CORD LC - SC DUPLEX - 1 METER
NKFP52ELLSSM001	NK OM2 2 FIBER 1.6mm LSZH JACKET PATCH CORD LC - SC DUPLEX - 1 METER
NKFPX2ELLSSM001	NK OM3 2 FIBER 1.6mm LSZH JACKET PATCH CORD LC - SC DUPLEX - 1 METER
NKFP92ELLSSM001	NK OS2 2 FIBER 1.6mm LSZH JACKET PATCH CORD LC - SC DUPLEX - 1 METER

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN
02	2/16/17	JSP	FJDU	RW1	SEE SHEET 1 OF 2 FOR REVISIONS.	M01302DD-DC

TITLE: NETKEY PATCHCORDS AND PIGTAILS

CUSTOMER DRAWING

ITEM REVISION NAME: M01302DD/00

DATASET FILE NAME: M01302DD_DC/00C

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.XX ± .01 [.25] ANGLES ± 1 °
THIRD ANGLE PROJECTION

PART NUMBER: SEE TABLE

DRAWING NUMBER: M01302DD-DC

DRAWN BY	DATE	CHK	SCALE	SIZE
SAT	06-05-14	JGD	NONE	B

SHT 2 OF 2