PERFORMANCE	
FREQUENCY RANGE	DC - 6 GHz
NOMINAL IMPEDANCE	50 Ω
DWV @60Hz [SEA LEVEL]	500 Vrms
VSWR [MAX]	< 1.35
TEMPERATURE RANGE	-55 / +150 °C

COMPONENTS	
CABLE	∅.141 FLEXIBLE, LOW-PIM (9967-02-59)
SOLDER	Sn63Pb37
CONNECTORS	SEE TABLE
STRAIN RELIEF	ATUM
MARKERS	POLYOLEFIN

MARKER DETAILS

141PIM-CON1-CON2-iii
REV X MM/YY SNXXXX
San-tron

PART NUMBER

141PIM-CON1-CON2-iii

CONNECTOR 1

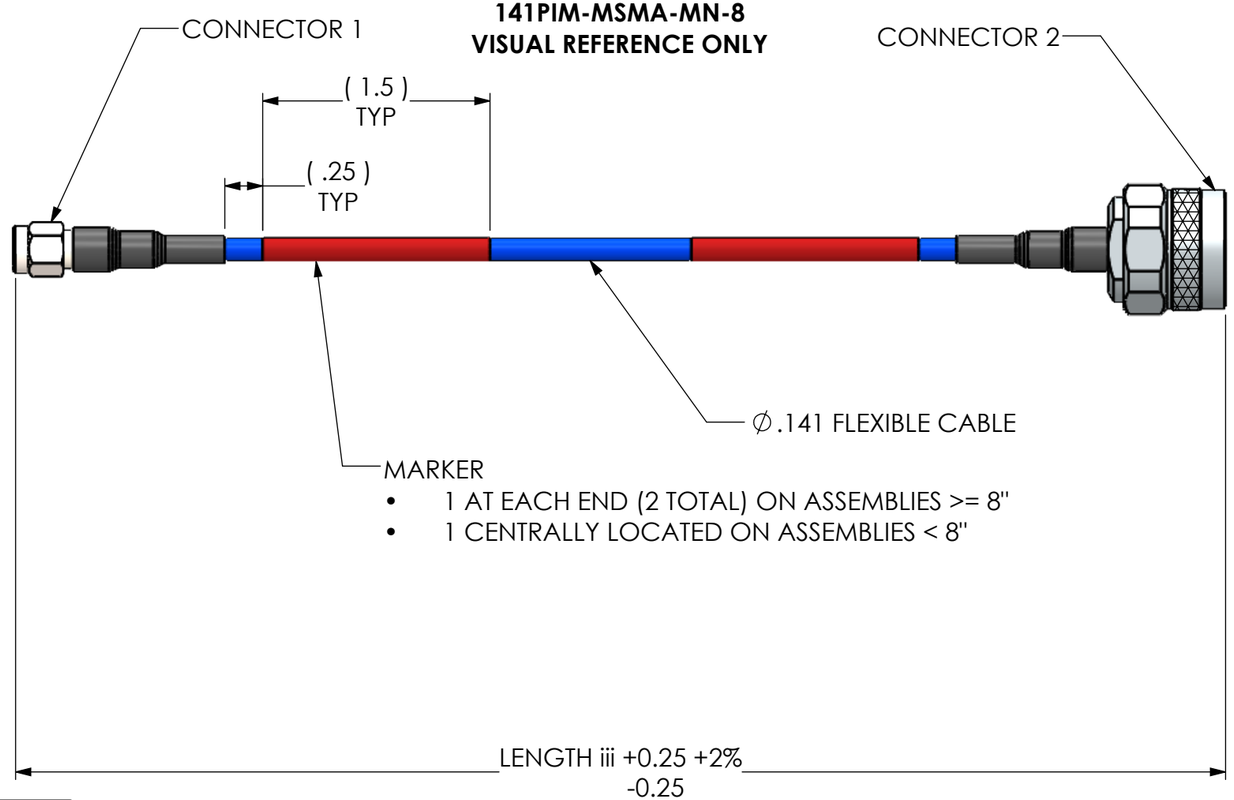
CONNECTOR 2

LENGTH iii
INCHES

TYPICAL INSERTION LOSS (LESS CONNECTORS)

FREQUENCY (MHz)	|S21| (dB/in)
450	.007
600	.008
900	.010
1900	.015
2100	.016
2500	.018
3500	.022
4900	.026
5800	.029

141PIM-MSMA-MN-8
VISUAL REFERENCE ONLY



- 1 AT EACH END (2 TOTAL) ON ASSEMBLIES >= 8"
- 1 CENTRALLY LOCATED ON ASSEMBLIES < 8"

CONNECTOR OPTIONS

CONNECTOR CODE	SERIES (GENDER)	TYPICAL PIM PERFORMANCE (dBc)
M4310	4.3-10 (MALE)	-165
M716	7/16 DIN (MALE)	-168
MN	TYPE N (MALE)	-158
MSMA	SMA (MALE)	-155

REVISIONS

REV.	DESCRIPTION	DISP	DATE	DRAWN	APPROVED
C	NEW MARKER FORMAT	FIFO	3/31/25	NBS	NBS

Description:
CABLE ASSEMBLIES: .141 FLEXIBLE CABLE, LOW PIM

DWG NO. OL-141PIM-1

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES.
ALL DIMESNSIONS ARE AFTER PLATING.
.XXX = ±.005 ALL MACHINED SURFACES MAX.
.XX= ±.01 ANG. ±1/2° FRACTIONAL = ± 1/64
.004 MAX TIR. | AXIS .001

Projection: THIRD ANGLE

SCALE 1:1

4 TURNPIKE ROAD
IPSWICH MA 01938
USA

San-tron

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CAGE: 50896