

**1.0 PERFORMANCE**  
 FREQUENCY: SEE TABLE 1  
 NOMINAL IMPEDANCE: 50 OHMS  
 DWV: 750 Vrms @ 60Hz  
 TEMP. RANGE: -55/+155 °C  
 VSWR < 1.35:1 MAX

**2.0 MATERIALS**  
 CONNECTORS: SEE TABLE 1  
 MARKERS: HEAT SHRINK  
 SOLDER: LEAD FREE

**3.0 ORDERING INFORMATION**

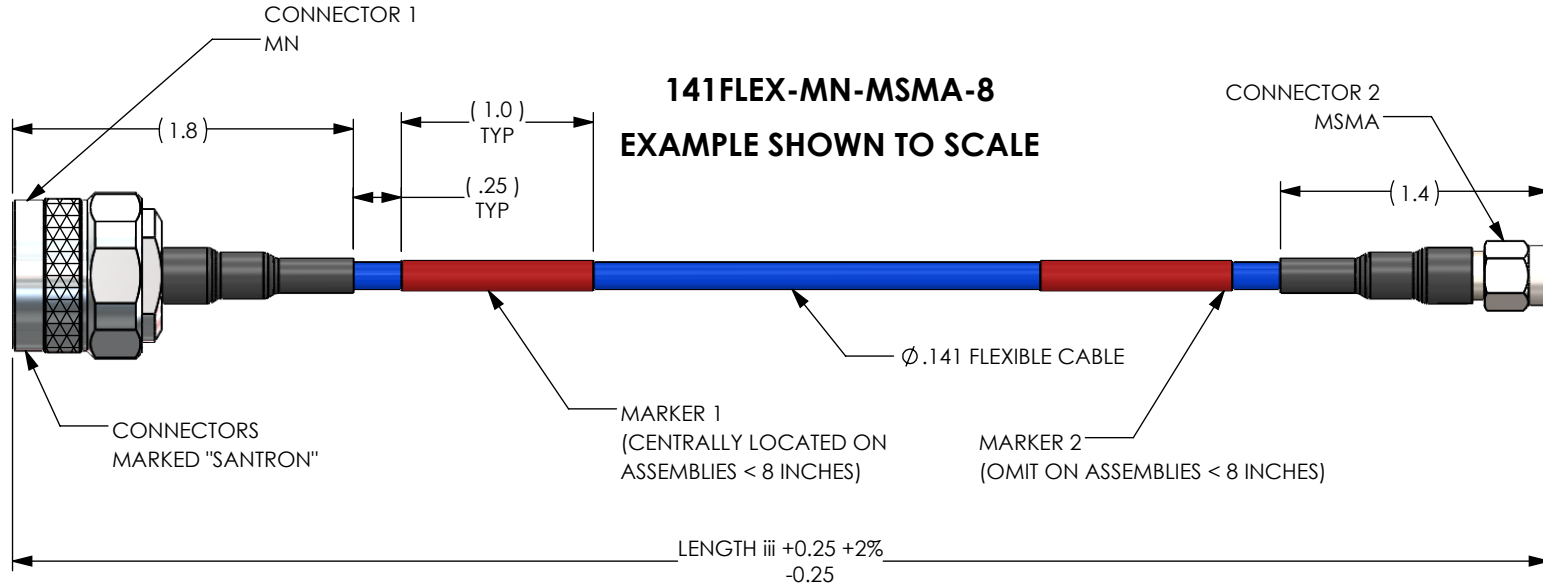
**141FLEX-CON1-CON2-iii**

CONNECTOR  
CODE 1

CONNECTOR  
CODE 2

LENGTH iii  
INCHES

<b>DWG NO.</b>		<b>REV.</b>	
OL-141FLEX-CON1-CON2-1		A	
<b>MARKER DETAILS</b>			
<b>MARKER 1</b>	141FLEX-CON1-CON2-iii REV X WW/YY SNXXXX		
<b>MARKER 2</b>	 WWW.SANTRON.COM		



**TABLE 1: CONNECTORS**

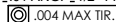

CONNECTOR CODE	SERIES	SAN-TRON P/N	MAX FREQUENCY (GHz)	TYPICAL INSERTION LOSS @ MAX FREQUENCY
M4310	4.3-10 MALE	4101-11-FB-AJ	6	0.028dB/in + 0.4dB
MN	TYPE N MALE	0401-258-FB-AJ	18	0.056dB/in + 0.4dB
MSMA	SMA MALE	1201-28-FB-AJP	26.5	0.072dB/in + 0.4dB

REVISIONS					
REV.	DESCRIPTION	DISP	DATE	DRAWN	APPROVED
A	RELEASE	NEW	5/3/24	NBS	NBS

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Description:  
STANDARD CABLE ASSEMBLY, Ø .141 FLEXIBLE CABLE. VARIOUS CONNECTORS

UNLESS OTHERWISE SPECIFIED:  
ALL DIMENSIONS ARE IN INCHES.  
ALL DIMENSIONS ARE AFTER PLATING.

.XXX = ±.005 ALL MACHINED SURFACES  $\sqrt{32}$  MAX.  
 .XX = ±.01 ANG. ±1/2" FRACTIONAL = ± 1/64  
 .004 MAX TIR.  .001

Projection Method:  
**THIRD ANGLE**



REMOVE ALL BURRS  
AND SHARP EDGES  
.005 MAX

Legal Owner: <b>SAN-TRON, INC.</b>		Designed by: NBS	Design Date: 2/23/2024
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Approved by: NBS		Approved Date: 5/3/2024	