8 7	6 5	4	3		2	1	
					REVISIONS		
CONSTRUCTION: QUAD CABLE				Rev	Description	Date	Chg'd B
A. CONDUCTOR: AWG 24(19 / 36) SPAL				A	PRODUCTION RELEASE	15 JULY 2011	ECL
B. PRIMARY INSULATION - ePTFE (AGAINST CONDUCTOR)				В	DCR on EM2 SPEC - 9702 G.Lawton	29 SEP 2015	DED
C. SECONDARY INSULATION - PTFE - O.D. 0.055 MAX				с	EM2 ECO - 7031 T.Sharp	20 DEC 2015	DED
COLORS: ARINC STANDARD RED x BLU, YEL x GRN F	PAIRS			D	EM2 ECO - 7268 G.Lawton	26 SEP 2016	DED
D. FILLER: FEP (0.018) DIAMETER				E	EM2 ECO - 7304 G.Lawton	04 NOV 2016	DED
F BINDER PTEF				F	EM2 ECO - 7351 G.Lawton	24 JAN 2017	TKG
E SHIELD #1: AWG 40(1) SPC BRAID 85% MIN COVERAGE							
G SHIELD #2: AWG 40(1) SPC BRAID 85% MIN COVERAGE							
					/ ^{— А} <i>—</i> В		
			•			C	
1 IMPEDANCE: 100 ⁺¹⁰ O MEASURED ON 50 FT SAMPLE).							
1. IMPEDANCE. $100_{-0} \Omega$ MEASURED DIFFERENTIALLY						∖∕ [−] D	
2. VELOCITY OF PROPAGATION: 80% OF AIR MINIMUM						₹XX	
3. DIELECTRIC WITHSTANDING VOLTAGE:					/ 6883 X	XA\E	
1500 V _{RMS} (CONDUCTOR / CONDUCTOR)							
1500 V _{RMS} (CONDUCTOR / SHIELD)				#\$\$ _		1XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
4. SKEW: 200.0 pSEC / 50 FT MAX WITHIN PAIR				IHKAI <mark>/</mark>			
5. RETURN LOSS LIMITS: 24.5 dB @ 8 MHz	OTHER REQUIREMENTS:		0.150 MIN				
25.0 dB @ 10 MHz	1. WEIGHT: 30.0 LBS / 1000 F	T MAX	0.162 MAX		KEREA Y Y KEREA Y		
25.0 dB @ 16 MHz	2. TEMPERATURE: -55° C TO	+200° C		(HRAN)		////H	
25.0 dB @ 20 MHz	3. FUNCTIONAL CHARACTER	ISTICS: MEETS OR		/H <u>#X</u> //>		/ <i>IS</i> H/	
24.2 dB @ 25 MHz	EXCEEDS NEMA-WC27500	SECTION 3.9		\\#¥X\\			
23.2 dB @ 31.25 MHz	4. TESTS LENGTHS ALL BE IN	ICLUDED IN ALL SHIPMEN	TS			XIII — н	
20.7 dB @ 62.5 MHz						AJ/	
19.0 dB @ 100 MHz	NOTES:			\mathcal{W}		7/	
6. NEXT (MAXIMUM): 51.8 dB @ 8 MHz	1. JACKET PRINTING: RCN87	52. CAGE CODE, AND					
50.3 dB @ 10 MHz	"W.L. GORE & ASSOCIATES	5"					
47 2 dB @ 16 MHz			<u>+</u>				
45.8 dB @ 20 MHz							
44.3 dB @ 25 MHz							
			/				
42.9 CD @ 01.20 MHz							
				52 CAGE	CODE 54 102 WL GOREANDAS		
		END /	+ RCN81	5-	- 1880C/A	E	ND B
7. INSERTION LOSS VALUES (MAXIMUM): 7.9 dB @ 8 MHZ			A-P	_			`
8.9 dB @ 10 MHz			$\mathbf{R} $				
11.2 dB @ 16 MH	IZ						<u>v</u>
12.7 dB @ 20 MH	Z	l l l l l l l l l l l l l l l l l l l					U J
14.2 dB @ 25 MH	Z		B				
16.0 dB @ 31.25 l	MHz						
23.3 dB @ 62.5 M	IHz		PARENTH	ESES DENOTE	W. L. GORE & A	ASSOCIATES, INC. (G	ore)
30.1 dB @ 100 M	Hz		REFERENC	E DIMENSIONS	BORE Performa	nce Solutions Division	1000
8. INSERTION LOSS MEASURED PER ASTM D 4566 AT 328 F	FEET (100 METERS) SHALL		DIMENSIONS ARE IN INCHES	UNLESS OTHERWISE	E SPECIFIED © 2007, 2017	W.L. Gore & Associates, Inc.	1000
MEET THE INDICATED VALUES AT THE FOLLOWING FRE	QUENCIES (MAXIMUM):		DO NOT SCALE DRAWING	.X.	E N/A as the proprietary and novel features of the subject matter, are reserved manufactured, used, sold or disclosed to others, nor are devices embodying the subject matter and the subject matter are reserved.	to success and other data contained by Gore and are disclosed in confidence. The ig such features or information derived from the such features or information derived from the success devices are successed as the success of the	eu ulerein, as wel ney are not to be nese disclosures t
83.0 dB @ 800 MHz	-		DEBURR SHARP EDGES	.XXX	be used or disclosed, unless and until expressly authorized by Gore. The N/A the property of Gore and are not to be copied or reproduced without exp	rese undwings, specifications, processes, etc., i ress permission, and are to be returned upon n	, are and remain request therefor.
118.4 dB @ 1000 MHz			⊕ _	FRACTIONS	N/A 100 Ω MARKABLE QUAD	CABLE, AWG 2419	
			Third Angle Projection	ANGLES ±	E N/A Dwg Size Sheet Scale Associated Documents	Drawn	07 144 1/ 004
			INTERPRET DRAWING IN	SURFACE TEXTURE	N/A B 1 0T 1 25:1 N/A Rev Date Drawing Number	ECL 0	Rev Le
			ACCORDANCE WITH	DREADO ANU NUM	MAX		