

CONSTRUCTION:

A. SHIELDED TWISTED PAIR (DATA GAUGE)
CONDUCTOR: SEE TABLE (-XXD) (2 PLACES)
INSULATION: PTFE / ePTFE (2 PLACES)
COLORS: GREEN x WHITE
SHIELD: AWG 42(1) SPC BRAID
92% MINIMUM COVERAGE

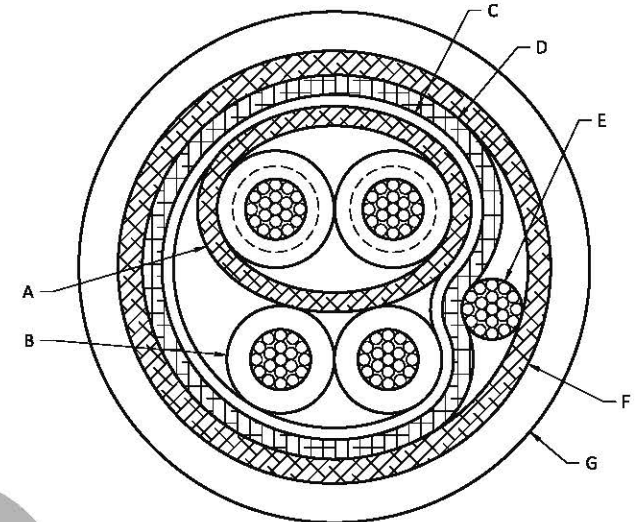
B. SINGLES (POWER GAUGE) (2 PLACES)
CONDUCTOR: SEE TABLE (-XXP)
INSULATION: (0.006) WALL PTFE
COLORS: RED, BLACK
C. INNER BINDER: (0.003) WALL ePTFE
D. INNER SHIELD: AWG 42(1) SPC BRAID
92% MINIMUM COVERAGE

E. DRAIN: AWG 28(19 / 40) SPC
F. OVERALL SHIELD: AWG 40(1) SPC BRAID
92% MINIMUM COVERAGE
G. OVERALL JACKET: FEP OR EF100 SEE TABLE (-J)
FEP: (0.010) WALL, TRANSLUCENT BLACK
EF100: (0.004) WALL, LASER MARKABLE WHITE

REVISIONS			
Rev	Description	Date	Chg'd By
D	EM2 SPEC - 12251 / EM2 ECO - 7088 G.Lawton	02 MAR 2016	DED
E	EM2 ECO - 7126 G.Lawton	11 MAY 2016	DED
F	EM2 ECO - 7217 / EM2 ECO - 7230 G.Lawton M.Frantz	20 JUL 2016	DED
G	EM2 ECO - 9697 L.Mastrolilli	11 MAY 2020	DED

PART NO CONVENTION RCN8800 - XXD - XXP - J

BASE NO	DATA GAUGE -XXD	POWER GAUGE -XXP	JACKET TYPE -J	PART NO	USE LENGTH (METERS)
RCN8800	28(19 / 40) SPAL	28(19 / 40) SPAL	FEP	RCN8800 - 28D - 28P - F	3.5
			EF100	RCN8800 - 28D - 28P - H	
		26(19 / 38) SPAL	FEP	RCN8800 - 28D - 26P - F	
			EF100	RCN8800 - 28D - 26P - H	
		24(19 / 36) SPAL	FEP	RCN8800 - 28D - 24P - F	
			EF100	RCN8800 - 28D - 24P - H	
	22(19 / 34) SPC	22(19 / 34) SPC	FEP	RCN8800 - 28D - 22P - F	
			EF100	RCN8800 - 28D - 22P - H	
		20(19 / 32) SPC	FEP	RCN8800 - 28D - 20P - F	
			EF100	RCN8800 - 28D - 20P - H	
	26(19 / 38) SPAL	28(19 / 40) SPAL	FEP	RCN8800 - 26D - 28P - F	4.5
			EF100	RCN8800 - 26D - 28P - H	
		26(19 / 38) SPAL	FEP	RCN8800 - 26D - 26P - F	
			EF100	RCN8800 - 26D - 26P - H	
		24(19 / 36) SPAL	FEP	RCN8800 - 26D - 24P - F	
			EF100	RCN8800 - 26D - 24P - H	
	24(19 / 36) SPAL	28(19 / 40) SPAL	FEP	RCN8800 - 24D - 28P - F	5.8
			EF100	RCN8800 - 24D - 28P - H	
		26(19 / 38) SPAL	FEP	RCN8800 - 24D - 26P - F	
			EF100	RCN8800 - 24D - 26P - H	
		24(19 / 36) SPAL	FEP	RCN8800 - 24D - 24P - F	
			EF100	RCN8800 - 24D - 24P - H	
	22(19 / 34) SPC	22(19 / 34) SPC	FEP	RCN8800 - 24D - 22P - F	
			EF100	RCN8800 - 24D - 22P - H	
		20(19 / 32) SPC	FEP	RCN8800 - 24D - 20P - F	
			EF100	RCN8800 - 24D - 20P - H	
	22(19 / 34) SPC	22(19 / 34) SPC	FEP	RCN8800 - 22D - 22P - F	5.8
			EF100	RCN8800 - 22D - 22P - H	
		20(19 / 32) SPC	FEP	RCN8800 - 22D - 20P - F	
			EF100	RCN8800 - 22D - 20P - H	



NOTES:

- PART NUMBER RCN8800 - 28D - 28P - F SHOWN
- CHARACTERISTIC IMPEDANCE: $90 \pm 7 \Omega$ (CONSTRUCTION A ONLY)
- OPERATING VOLTAGE: $500 V_{AC/DC}$
- TIME DELAY: $(1.24) nSEC / FT$
- OPERATING TEMPERATURE: $-65^{\circ} C$ TO $+200^{\circ} C$
- LASERMARK EF100 JACKET CABLE WITH W.L. GORE AND ASSOCIATES [CABLE PART NUMBER] AND [CAGE CODE] USE MARKER TAPE FOR FEP JACKET

Valid only at time of printing

PARENTHESES DENOTE REFERENCE DIMENSIONS		W. L. GORE & ASSOCIATES, INC. (Gore) Performance Solutions Division 101 Lewisville Road, Elkhart, MD 21521, 410 / 392-3300 © 2007, 2020 W. L. Gore & Associates, Inc.	
DIMENSIONS ARE IN INCHES	UNLESS OTHERWISE SPECIFIED	By acceptance of this document you agree that all rights to drawings, specifications, processes and other data contained therein, as well as the proprietary and/or confidential nature of the subject matter, are hereby acknowledged in confidence. They are not to be reproduced, used, sold or disclosed to others, nor are they to be used in any way to manufacture or produce similar products or information derived from these documents to be used or disclosed, unless and only as expressly authorized by them. These drawings, specifications, processes, etc., are and remain the property of Gore and are not to be copied or reproduced without express permission, and are to be returned upon request and transfer.	
DO NOT SCALE DRAWING	X ± N/A	Title AEROSPACE USB 2.0 STYLE CABLE	
DOUBLE SLANT EDGES	JXX ± N/A	Drawn B	14 NOV 2007
Third Angle Projection	JXX ± N/A	Scale 32:1	Associated Documents ECL
DIFFERENT DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (2018)	FRACTIONS ANGLES N/A	Rev Date 11 MAY 2020	Drawing Number RCN8800 - XXD - XXP - J
SURFACE TEXTURE BREAKS AND FILES	N/A / MAX	Rev Level G	