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D	SPECIFICATIONS				ORDER INFORMATION								
	PARAMETER	MIN	TYP	MAX	UNITS	PART NUMBER	CARD ID	FIBER TYPE	TX NOMINAL WAVELENGTH (nm)	MIN. OPTICAL BUDGET (dB)	WDM	ACCESS BUSHING	TX TYPE
	ELECTRICAL												
	POWER VOLTAGE ¹	4.5	5.0	5.5	VOLTS	907-0026-00	907+C-SMD15	SMF	1550	24	NO	LC	DFB
	POWER CURRENT ¹		0.7	1.0	AMPS	907-0026-03	907+C-SMB15	SMF	1550	20	YES	LC	DFB BIDI
	VIDEO												
	OUTPUT LEVEL		1.0	1.2	Vp-p	907-0026-29	907+C-SMD29	SMF	1291	24	NO	LC	DFB-CWDM
	OUTPUT IMPEDANCE ²		75		OHMS	907-0026-31	907+C-SMD31	SMF	1311	24	NO	LC	DFB-CWDM
	BANDWIDTH			6.0	MHz	907-0026-49	907+C-SMD49	SMF	1491	24	NO	LC	DFB-CWDM
	DIGITAL RESOLUTION		10		BITS	907-0026-53	907+C-SMD53	SMF	1531	24	NO	LC	DFB-CWDM
C	SIGNAL TO NOISE RATIO	58			dB	907-0026-57	907+C-SMD57	SMF	1571	24	NO	LC	DFB-CWDM
	DIFFERENTIAL GAIN		1	3	%	907-0026-61	907+C-SMD61	SMF	1611	24	NO	LC	DFB-CWDM
	DIFFERENTIAL PHASE		1	3	DEGREES	NOTE: BIDI STANDS FOR BIDIRECTIONAL, MEANING WDM IS BUILT INTO THE OPTICAL TRANSCEIVER.							
	LUMINANCE NONLINEARITY		2	4	%	FOCAL APPROVED							
	OPTICAL												
	BAUD RATE		1200		MBAUD								
	WAVELENGTH (NOMINAL) ³	1271		1611	nm								
	OPTICAL BUDGET ^{3,4}	24			dB								
	RANGE	10			Km								
	ENVIROMENTAL												
TEMPERATURE (OPERATIONAL)	-10		+60	DEG. C									
TEMPERATURE (STORAGE)	-40		+85	DEG. C									
SPECIFICATION NOTES:													
B	1. INPUT POWER IS PROTECTED WITH A 2A FUSE. THE INPUT ALSO HAS REVERSE POLARITY PROTECTION AND OVER-VOLTAGE PROTECTION. CURRENT DRAW INCLUDES SFP MODULE.												
	2. VIDEO OUTPUTS ARE AC-COUPLED WITH ESD PROTECTION.												
	3. CONTACT FOCAL FOR OTHER OPTICAL CONFIGURATIONS, SUCH AS CWDM WAVELENGTHS AND HIGHER OPTICAL BUDGETS).												
	4. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. VIDEO SPECIFICATIONS SHOWN ARE FOR 10-BIT MODE AND OPTICAL POWER SPECIFICATIONS ARE WITH STANDARD (NON-BIDI) OPTICAL TRANSCEIVERS.												
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	 ESD SENSITIVE PARTS MAY BE USED. TAKE PRECAUTIONS.					DRAWN A CRESS		FOCAL TECHNOLOGIES CORPORATION 77 FRAZEE AVENUE DARTMOUTH, NS CANADA, B3B 1Z4 CONSOLE 907+ CONFIGURATION					
						CHECKED							
						APPROVED							
	MATERIAL N/A		DATE 2007-08-15										
	FINISH N/A		FILENAME 907-2036-00RB.CDR		SIZE B	TYPE SK	DRAWING NO. 907-2036-00				ISSUE B		
	SCALE NTS		SHEET 2 OF 2										
4		3		2									