COMP 0023		
Bit Errors		
* Reliable Pack * Powerding &	cet delivery.	
	- Ronaling.	
Reliable Delivery		
1. No packots	CRE corrupted.	
1. No packots 2. All packts	are delivered.	
3. In order		
Bit Enor Rates.		
BED , C		
- buretu.	t, rodon errors	
- Conrupt	contiguous bits. dang burst. bit note 10-6/10-7/10-8 BiR note	
- great	bot note. 10-6/10-7/10-8. R2D 0.7	
	TO TO BER 186	
TER.	p=10-6. L→ legeh.	
Pomeca	=(->)	
P FER =	(- (1-p) L. BER=100, L= 12,000 bix.	
reduce 1	shorter fines - more headers formhead.	
Leguce	p > error smrl enculing	
Strates		
(,	detect aron / checksum.	
[5] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	respond. to orror	
	- error correction code.	
	- re-End.	
	- dis cad	
	Error Detection & Correction Code ECC.	
700	Parity Bit, even number of bits	
PH1.		9/20
	Two-Dimansion Parkey due P1 /6/25.	2012
	P3 data cha	z cking
	der Pu	Pies

Harry (, 4) (sde. D.O. 03D4 P. P2 P3 CRC quickly files compted froms -dotats single bit ermes g(x) the non-zero terms - bust are & g-1. g(x) stor with x3-1 ends 1. - Oney add number of stross good even much of coefficients L2 detects most areas before applicating (2) with CAC most erros, especially aross links Check in a multiple
Only check header. Check in a multiple
host env.
right packet, right
machine.

Transport checksin.

End—to—end at L4.
right packet
right destination from sander E2È communication Whiy? Intermediate device in the Internet introduce errors, L2, L3 headers con be replaced. I introduce errors Less tregient, additional checksuns Spece efficient: 16-bit all the way.
recompreing fast: C! = n(n(t nm + m')). guerante e: Single bit error detectable.

