

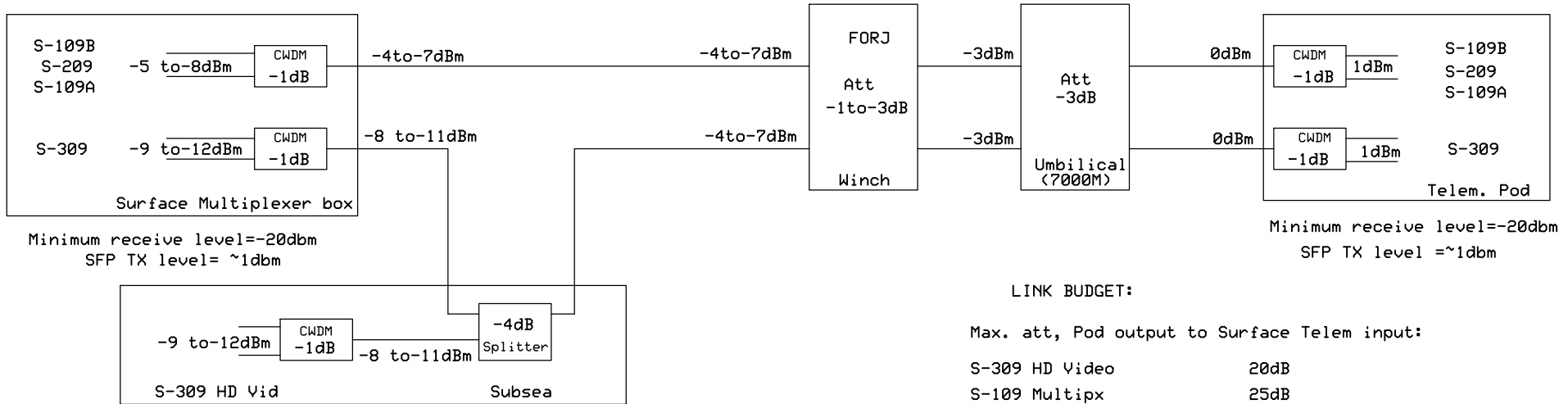
# AS BUILT

Attenuation @1550nm, DP to Pod, including FORJ .

Measured with AFL Optical Power source/Meter

DP	POD		
BLUE -	1	7.28dB	(Splitter in Subsea included)
ORG -	3	3.66dB	
GRN -	2	3.84dB	

**ACTUAL ATT.**



### LINK BUDGET:

Max. att, Pod output to Surface Telem input:

S-309 HD Video	20dB
S-109 Multipx	25dB
S-209 GBit Eth.	25dB

Insertion loss through the FORJ varies from 0.8-3dB with wavelength and channel in use.

Measured Insertion loss (dB)			Measured Insertion loss (dB)		
FORJ S/N 1519			FORJ S/N 1518		
	PWR Meter @1550nm	OTDR @ ?		PWR Meter @1550nm	OTDR @ ?
CH-1	1.05	1.61	CH-1	3.2	3.62
CH-2	1.5	1.73	CH-2	2.07	3.18
CH-3	1.2	2.39	CH-3	1.28	1.66
CH-4	1.93	2.94	CH-4	0.8	1.02

Actual SFP Tx PWR / Rx sensitivity:

	TX lev	min RX lev
S-309 HD Video	0dBm	-20dBm
S-109A Multipx	2dBm	-25dBm
S-109B Multipx	1dBm	-25dBm
S-209 GBit	1dBm	-25dBm

IODP

LINK LEVELS

Meiring	032020	Page 10
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