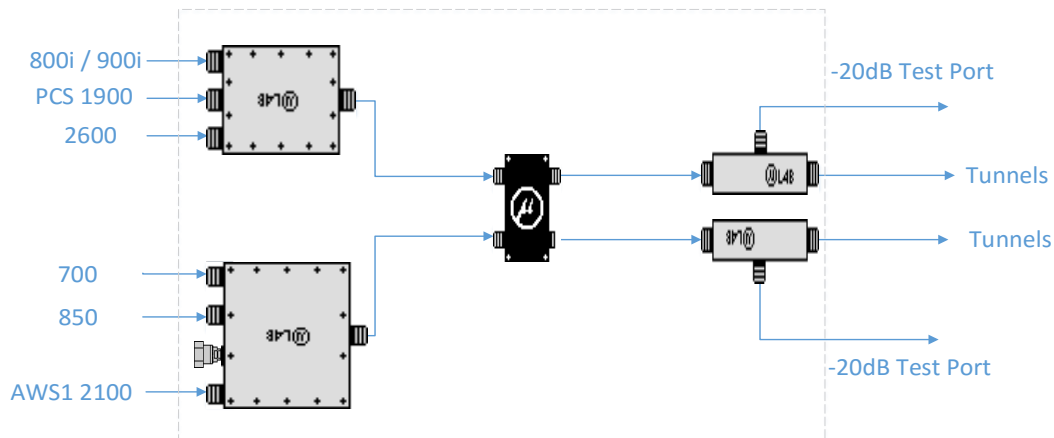


## Preliminary Specification

- ◆ Low Loss & VSWR
- ◆ High Isolation
- ◆ High Reliability
- ◆ RoHS compliant
- ◆ Standard 3RU EIA



preliminary dwg



Input	Frequency Band (MHz)	Coupling Loss (dB)	VSWR (dB)	Input Power	Input Port Isolation to:					
					700	850	PCS	2600	iDen	AWS
700	698 - 787	4.5 +/- 0.8	>15.6	30W max.	x	>50	>23	>23	>23	>50
850	824 - 894	4.5 +/- 0.8	>15.6	30W max.	>50	x	>23	>23	>23	>50
PCS 1900	1850-1995	4.5 +/- 1.0	>15.6	160W max.	>23	>23	x	>50	>50	>23
2600	2496-2690	4.5 +/- 1.0	>15.6	30W max.	>23	>23	>50	x	>50	>23
800i/900i	806 - 940	4.5 +/- 0.8	>15.6	30W max.	>23	>23	>50	>50	x	>23
AWS1 2100	1710-1755 2110-2155	4.5 +/- 1.0	>15.6	160W max.	>50	>50	>23	>23	>23	x

These Combiner Boxes have been designed to meet the neutral host needs for the WMATA subway system.

Each has been designed using standard catalog components to ensure reliability while providing minimum loss and maximum isolation.

PIM Performance: < -150 dBc  
 (tested with 2 tones +43 dBm)  
 Impedance: 50Ω nominal  
 Environment: -15°C to +65°C, Indoor  
 Connectors: Silver or triplate, DIN (f)  
 Weight: 25 lbs (est)

Note: Specifications are subject to change without prior notification.

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