

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN22-081

NOTIFICATION DATE: November 18, 2022

MODELS AFFECTED

ZEDC-10-2B

EXTENT OF CHANGE:

Change to specified Mainline Loss per below **RED** line mark-up

Directional Coupler Electrical Specifications

FREQ. RANGE (MHz)	COUPLING (dB)		MAINLINE LOSS ¹ (dB)						DIRECTIVITY (dB)						VSWR (:1)	POWER INPUT (W)	
			L		M		U		L		M		U			L	MU
			Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Typ.	Min.	Typ.	Min.		Typ.	Max.
f_L - f_U	Nom.	Flatness															
1-1000	11±0.5	±0.75	1.3	1.8 1.9	1.5	1.8	1.5	1.8	35	30	30	20	18	13	1.3	1.5	3.0

L = low range [f_L to $10 f_L$] M = mid range [$10 f_L$ to $f_U/2$] U = upper range [$f_U/2$ to f_U]

1. Mainline loss includes theoretical power loss at coupled port.

EFFECT OF CHANGE:

No change to FORM (Appearance), FIT (Dimension)
 Change to FUNCTION (Performance)

REASON FOR CHANGE:

Performance shift in Ferrite Core

EFFECTIVE DATE OF CHANGE:

Immediate

ATTACHMENTS:

QUESTIONS?

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