

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN#23-010

NOTIFICATION DATE: February 22, 2023

MODELS AFFECTED

ZMDC-20-3+
ZDC-20-3
PDC-20-3+

EXTENT OF CHANGE:

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

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	0.4	0.7	0.35	0.5	0.35	0.6	36	30	33	25	25	20	1.2	1.5	4.0
0.2-250	19.5±0.5	±0.5	0.4	0.7	0.35	0.5	0.35	0.6	36	30	33	25	25	20	1.2	1.5	4.0

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.
 *Insertion loss specification in L range may degrade up to ~~1.3~~ **1.3** dB at cold temperature (-55°C)

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, 1st Date Code after change 2306 for ZMDC-20-3+.

For models ZDC-20-3 and PDC-20-3+ either version may be shipped based on stock availability

ATTACHMENTS:

QUESTIONS?

[PLEASE CONTACT US.](#)