

## Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[CPL-5218-20-SMA-79](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

MODEL NUMBER  
CPL-5218-XX-SMA-79  
REV.  
-1

NOTES:

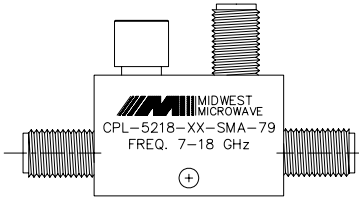
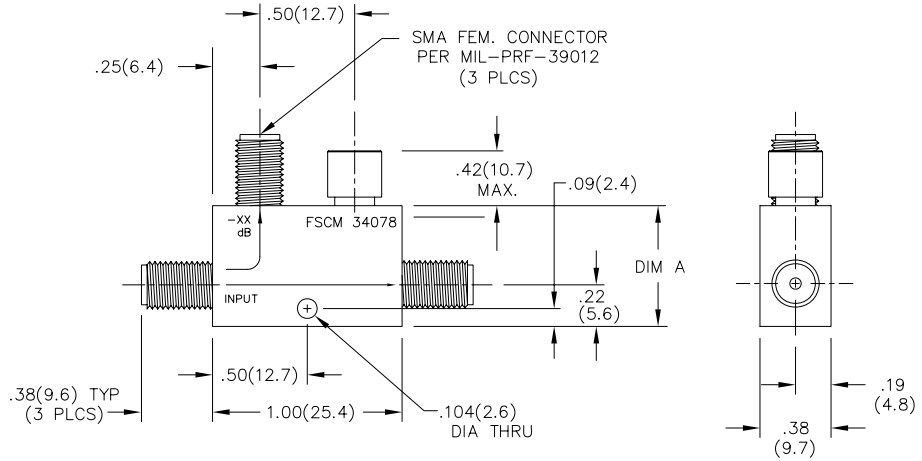
1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 7.0 to 18.0 GHz
- 1.2 FREQ. SENSITIVITY: SEE TABLE
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): SEE TABLE
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.50dB MAX.
- 1.6 DIRECTIVITY: 15dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS

2.0 FINISHING:

- 2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2 OVER MIL-C-5541 CLASS 3A MEETS MIL-F-14072 MEETS MIL-E-5400 AND MIL-E-16400V.
- 2.2 MARK UNIT AS SHOWN. REF: slk-09341-82-[32 THRU 35]

- 3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



BACKSIDE MARKING

CPL-5218-30-SMA-79	.63(15.9)	30dB	±0.75dB	1.45:1	50	50	3,000	0.67 (19.0)
CPL-5218-20-SMA-79	.50(12.7)	20dB	±0.75dB	1.45:1	50	50	3,000	0.60 (17.0)
CPL-5218-10-SMA-79	.50(12.7)	10dB	±0.75dB	1.45:1	50	10	3,000	0.60 (17.0)
CPL-5218-06-SMA-79	.50(12.7)	6dB	±0.50dB	1.35:1	50	4	3,000	0.60 (17.0)
CPL-5218-XX-SMA-79 MODEL NUMBER	DIM A	-XX ±1.0dB COUPLING	FREQ. SENSITIVITY	(MAX) VSWR	INPUT POWER (WATTS)	REF. POWER (WATTS)	PEAK WIEGHT	Oz (GRAMS)

REV.	DESCRIPTION	DATE
1	RELEASED	8/13/91
T	ADDED TITLER BLOCK	4/22/05

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS ±.005 2 PLACE DECIMALS ±.02 FRACTIONS ±1/64 PARALLELITY: T.J.R. _____ FLATNESS: T.J.R. _____ CONCENTRICITY: T.J.R. _____ ANGLES AND PERPENDICULARITY: ±1°	FSCM NO. <b>34078</b>	<b>MIDWEST MICROWAVE</b>
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave TITLE DIRECTIONAL COUPLER	
DRAWN/DATE A.BEATTY 8/9/91 CHECKED/DATE C.RICKARD 8/9/91	ENG./DATE T.MATTHEWS 8/9/91 APPROVED/DATE	DRAWING NUMBER CPL-5218-XX-SMA-79 SCALE: 2=1 SHEET 1 of 1