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REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	4/23/2020	RB

Notes:

- 1.) Material: Aluminum 6061-T6
- 2.) Finish: Black Epoxy Paint / White Epoxy Lettering
- 3.) Connectors: N Female
- 4.) O-Ring Sealed: Watertight Design
- 5.) Weight: 2 pounds, 4 ounces

Model D7566W

3-Way Combiner/Divider

Electrical Specifications:

Frequency:	30 - 500 MHz
Power:	100 W CW
Insertion Loss:	0.75 dB Max.
VSWR:	1.35:1 Max.
Phase Balance:	± 5° Max.
Amplitude Balance:	± 0.3 dB Max.
Isolation:	20 dB Min.



WERLATONE | SINCE 1965

Standard connector configurations are as follows:

Model	Sum Port (J1)	Inputs (J2-J4)
D7566W-10	N Female	N Female

		UNLESS OTHERWISE SPECIFIED		OWN	DATE	 WERLATONE SINCE 1965	17 Jon Barrett Rd Patterson, NY 12563			
		• INTERPRET DRAWING (AWI MIL-STD-100)		SD	4/23/2020					
		• DIMENSIONING PER ASME Y14.5M-2009		CHK	DATE					
		• PARENTHEetical INFO FOR REF ONLY		CS	4/23/2020		TITLE			
		• DIMENSIONS ARE IN INCHES		ENGR	DATE		OUTLINE			
		• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES				SIZE		CAGE CODE	DWG NO	REV
		• TOLERANCES								
		• ANGLES ± 2°								
		• 3 PL ± .005 (1.3)								
		• 2 PL ± .015 (1.38)								
		• REMOVE ALL BURRS AND SHARP EDGES R.01 MAX		QA	DATE					
		• CONCENTRICITY MACHINED DIA: .002 FIM								
		• MACHINE TOOL MESHATCH .003 MAX								
NEXT ASSY	USED ON	THIRD ANGLE PROJECTION		RELEASE	DATE	SCALE	20129-500		-	
APPLICATION						1:1.5			SHEET 1 OF 1	