

SPECIFICATION:

CONNECTORS:	4.3-10.0(m) to 4.3-10.0(m)
FREQUENCY:	100MHz - 7125MHz
RETURN LOSS:	26dB MIN UP TO 3850MHz
	23dB MIN FROM 3850MHz - 6000MHz
	20dB MIN FROM 6000MHz - 7125MHz
INSERTION LOSS:	25dB/100m @ 1GHz
PIM:	165dBc MIN, 2X46dBm@1800MHz
	160dBc MIN, 2X43dBm@700MHz
MIN BEND RADIUS:	30mm SINGLE, 120mm MULTIPLE
RF POWER:	1kW @ 1GHz MINIMUM
CABLE TYPE:	RG401, .250" BRAIDED WITH FEP JACKET (.270 dia)

SHIELDING:	100dBc
TEMPERATURE:	-65°C TO +165°C
RF IMPEDANCE:	50Ω
MATERIALS	
CABLE:	NON-MAGNETIC, LOW PIM TIN PLATED COPPER BRAID
CENTER COND.:	SOLID COPPER, SILVER PLATED
CONNECTORS:	LOW PIM TRIPLATE
	RoHS COMPLIANT

DRAWN: F Landeros	9/15/2026	RDmicrowaves	
DWG NO: 250W-1.5M-43MB43MB-OLrev1			
UNLESS OTHERWISE SPECIFIED: ALL UNITS ARE IN inches [mm] TOLERANCE: X.XX ±0.01 X.XXX ±0.005		TITLE: 4.3-10(m) TO 4.3-10(m) RG401 (.250" DIA) BRAIDED CABLE	
Made in USA Designed, Assembled, Tested		SIZE: A	MODEL NO: 250W-1.5M-43MB43MB / REV: 1
		SCALE: 3 : 4	PROPERTY OF R&D MICROWAVES LLC / SHEET 1 OF 1