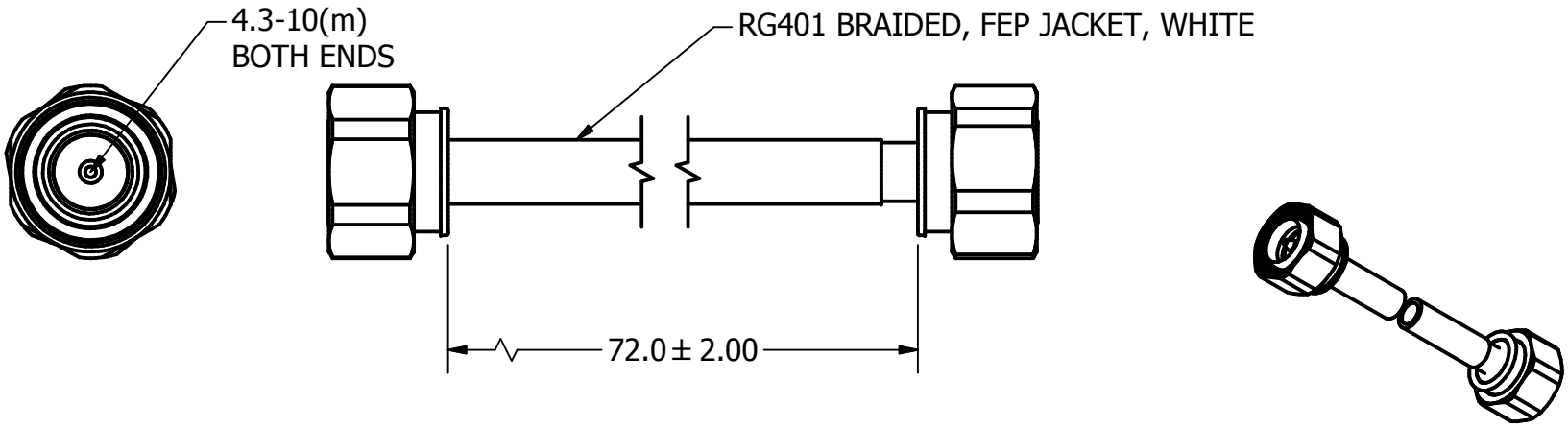
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	05/07/2025	MA



SPECIFICATION:

CONNECTORS:	4.3-10.0(m) to 4.3-10.0(m)
FREQUENCY:	DC - 6GHz
RETURN LOSS:	23 dB MIN, .4-4 GHz
	17 dB MIN, 4-6 GHz
INSERTION LOSS:	1.0 dB MAX @ 3 GHz
PIM:	160dBc
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
CENTER COND.:	SOLID COPPER, SILVER PLATED
CONNECTORS:	LOW PIM TRIPLATE

RoHS COMPLIANT

DRAWN	mclaughlind
	4/14/2025

ALL DIMENSIONS DERIVED FROM THE ELECTRONIC FILE ON THE SAME PLANE SHOULD BE WITHIN ±0.005 FROM TRUE POSITION, UNLESS OTHERWISE NOTED

PROPERTY OF
R&D MICROWAVES LLC

RDmicrowaves

TITLE

250W-6F-43M43M

SIZE	DWG NO	REV
A	250W-6F-43M43Mrev1	1

SCALE 3 : 4

SHEET 1 OF 1