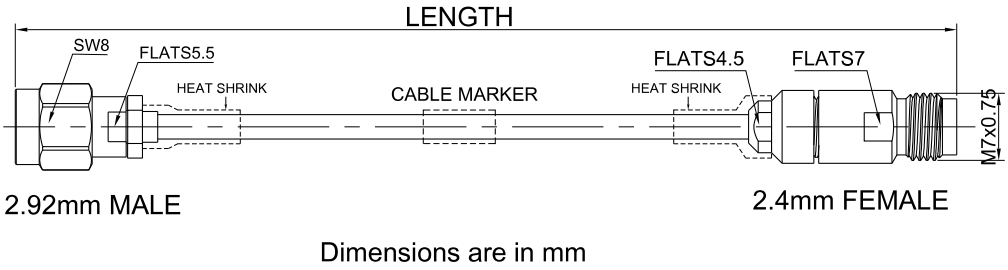
Flexi RF
Reliable RF Components In Stock

Datasheet

P/N: FRF71-292M24F-XXX

2.92mm Male to 2.4mm Female Cable Assembly | RG-405SS Flexible Coax Cable | DC - 40GHz



Dimensions are in mm



Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.92mm	2.4mm
Connector Polarity	Standard	Standard
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

Cable Configuration

Cable Type	RG-405SS
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	PTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Tape
Shield Layer 2 Material	Silver Plated Copper Braid
Jacket Material	FEP
Cable Diameter (mm)	2.64
Cable Color	Turquoise
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	96.5
Velocity of Propagation	70%
Shielding Effectiveness	< -100dB @ 1GHz

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Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	1.35	1.32
150	±3			1.63
200	±3			1.94
250	±3			2.25
300	±3			2.56
400	±5			3.21
500	±5			3.82
1000	±10			6.92

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45°C to +125°C

Revision History				
Version	Description	Prepared By	Approved By	Date
V1.0	Initial release	Grimm	Hebe	2024-01-01